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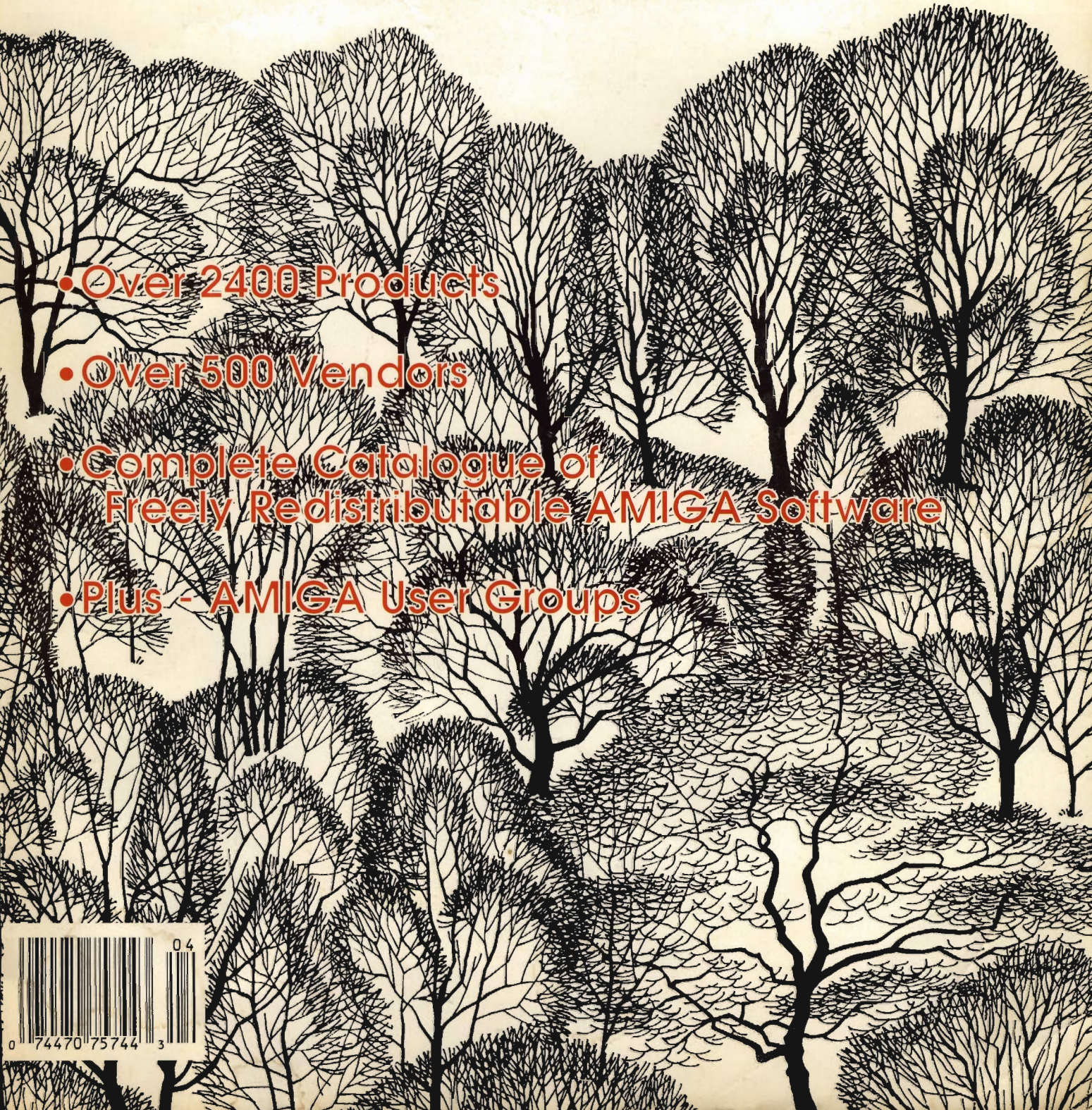

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These items were either received at the last minute or were inadvertantly omitted from their proper categories.. In any case, we felt they were too important to leave out.

From The Managing Editor

The Amiga is Growing!

Thank you. From Helsinki, Finland to Melbourne, Australia, readers have told us they love *AC's Guide*. It is a good feeling to produce a product that fills a need and excites people. According to one excited reader from Helsinki, "*AC's Guide* is not just the best Amiga reference for the US, but for the world."

Yet our biggest praise came from Commodore Business Machines, Inc. We have heard from Commodore executives and other hard-working employees. They have ordered literally hundreds of copies of the *Guide*.

Before this starts to sound like a self-congratulatory article, let me assure everyone that we accept this encouragement with caution. We provide the *Guide* to make Amiga buying decisions easier and to keep our readers better informed. These two goals keep us on our guard.

With over 2400 products (the figure was closer to 2500 by press time) by more than 500 Amiga vendors, we are witnessing a dramatic growth in the Amiga community. All this extra input (some of it is still squeezing through the FAX as this issue goes to press) produces mixed responses from the people who produce the guide.

From the fear of producing an error in an Amiga product listing, to the terror of missing one, our people meticulously scour each entry to be certain that it is the best possible representation of the product. We are also extremely excited with the new products which are arriving for the Amiga daily.

We were amazed by the increase in this guide's size. The *Guide* was originally planned at 224 pages. This seemed sufficient, since we were running only guide material and no articles. We did not count on such a rapid increase in commercial products. Nor did we expect the huge effort produced by Fred Fish in his Fred Fish Collection of freely redistributable software. Mr. Fish increased his disk count from 250 to 310 in just 3 months. (By the way, disks #311 to #320 just arrived on my desk.)

The surprising thing is how quietly the Amiga did this. Through the work of hundreds of third party companies, their employees, and their customers, the Amiga has advanced the ability to do graphics computing, video manipulation, and music production.

Add to this the rapid changes that are occurring in the Amiga marketplace as developers are merging and reorganizing their companies to produce an even stronger product line. As companies grow, combine, and extend their resources, they provide an even better platform for developing new and diverse Amiga products.

Which brings me back to our ever-present fear, "Have we got them all?" We need your help to continue to provide the best guide to the Commodore Amiga. If you notice we have left something off the list, please write us. If you are a developer and you are providing a new product to the Amiga community, please complete the form on page 183 and send it to us. With your help, we will continue to provide the most complete and current Amiga information available.

Sincerely,

Don Hicks
Managing Editor

AC's GUIDE to the AMIGA

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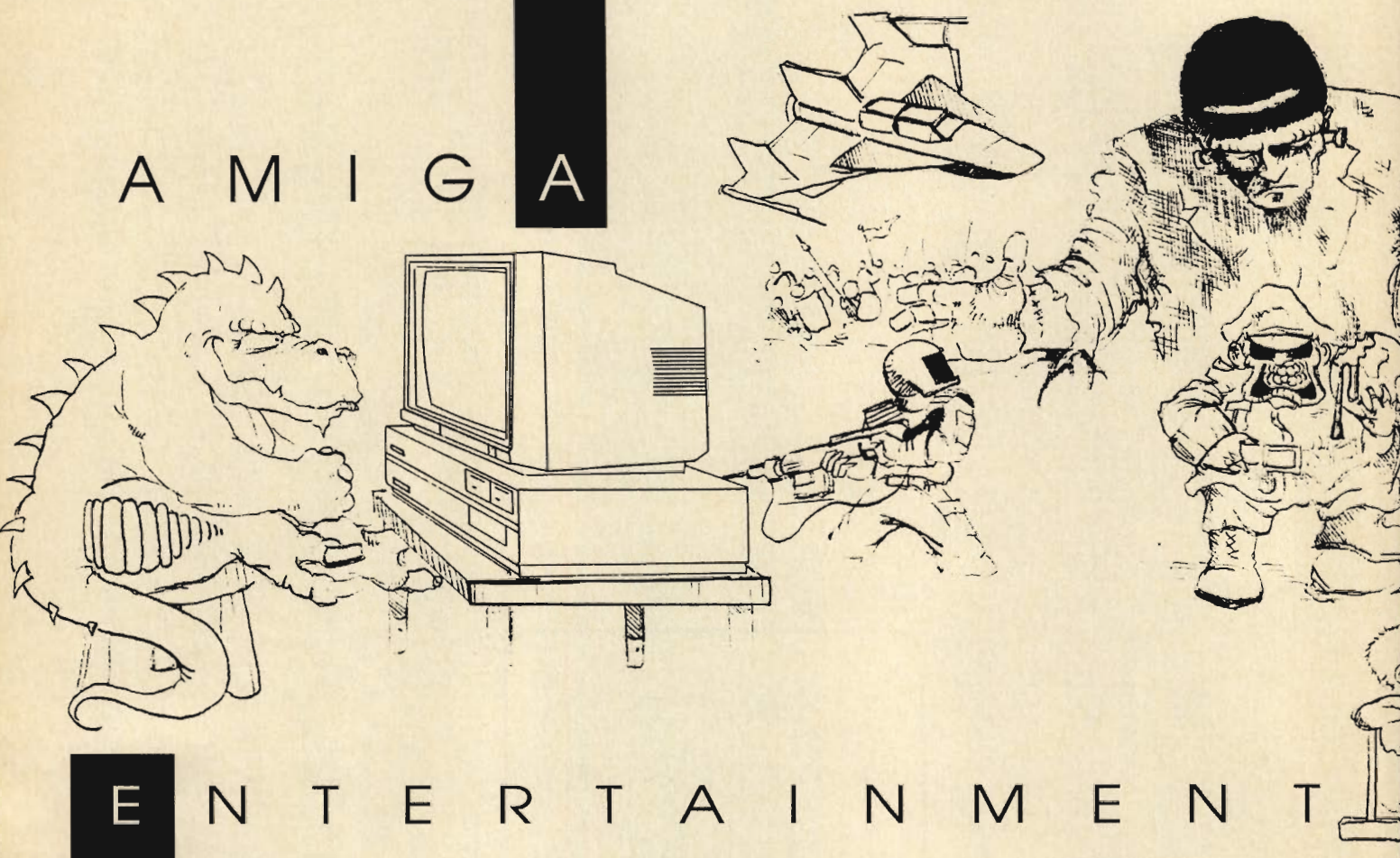

3-D Helicopter Simulator
Sierra's 3-D Helicopter Simulator is the first flight simulator to feature 16-color high-resolution graphics with true 3-D quality. Advanced special effects make the 3-D Helicopter something special to play, and the scan option takes in a 360-degree view of the surroundings. Operate the zoom control for close-ups. With out-of-ship points-of-view, a player can watch himself fly a helicopter from ground level. There are four playing modes to choose from: flight, target practice, combat (with computer), or optional dual-player combat. There are various scenery files to choose from as well, from a port city on the East Coast to a spaceship launching site.
$49.95 *Sierra On-Line Inc.*

3-D Pool
3-D Pool is different from other billiards simulations. One difference is that no cue stick is shown on screen. Instead of lining the stick up to the ball and shooting, with perhaps one or two angles from which to examine the shoot, 3-D Pool does away with the cue stick and allows the player to rotate the table, providing unlimited angles of view for any shot. By rotating the table (as opposed to moving around it) left or right, up or down, players can obtain whatever viewing perspective they need. The cue ball is always in the center of the screen, and shots are made by lining up the object ball(s) with the cue ball. Players have complete control over the position of the cue, the amount and type of English on the cue ball, and the power behind each shot. 3-D Pool also differs from most billiards simulations in another fundamental aspect: it follows Monte Carlo, or European rules, instead of standard American regulations. Players in 3-D Pool can participate in practice games, two-player matches where they can take on a friend, or even in a tournament against computer players of varying skill levels. 3-D Pool also includes a demo game, and a special trick shot feature, where players can try to solve twenty of the most difficult, and popular, trick shots in billiards.
$34.95 *MicroProse*

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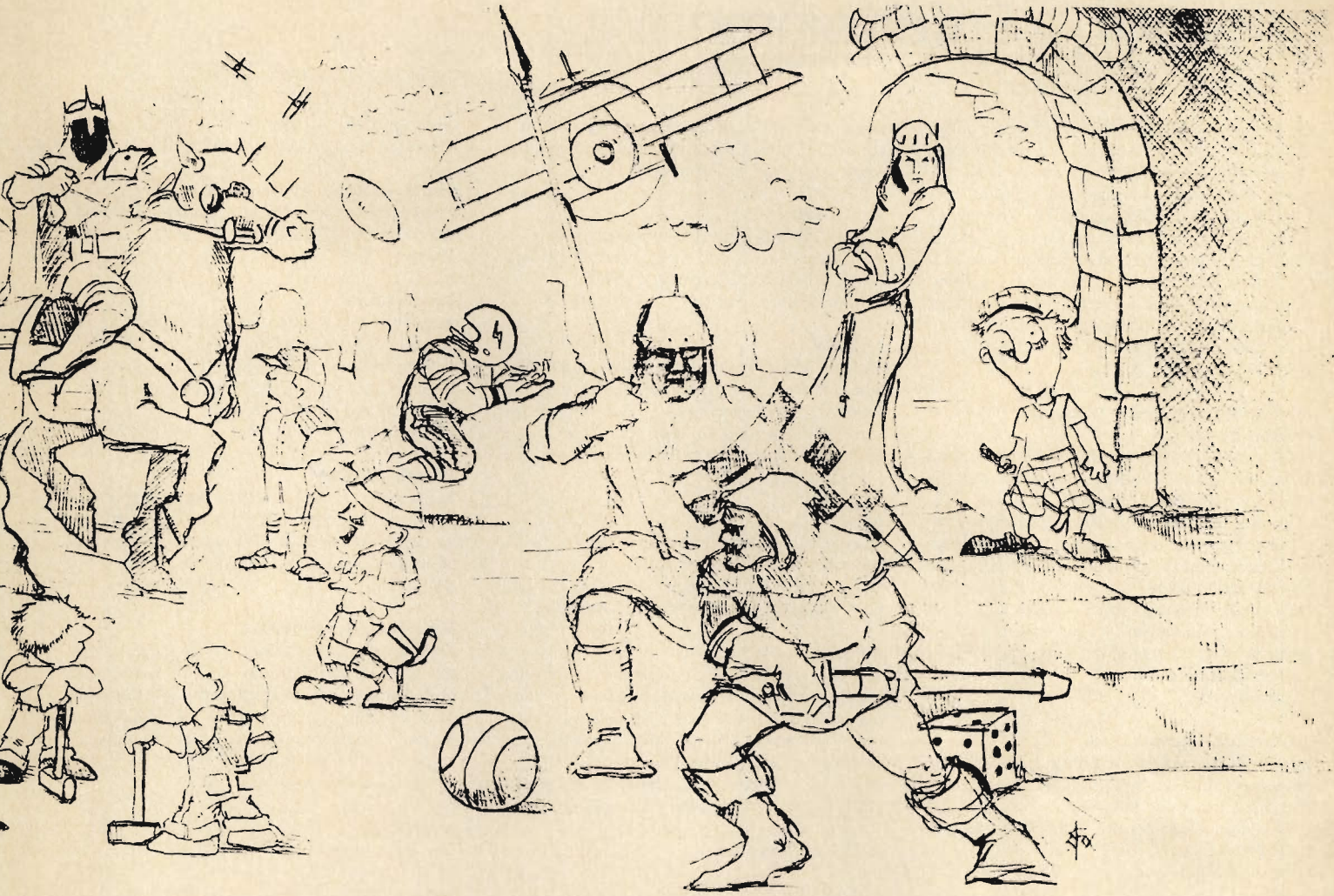

or 2 players. Or entangle your opponent in a maze of wires in CircuitMania, for 1 or 2 players. Then try your hand at ShufflePuzzle, similar to sliding number puzzles but using beautiful color pictures. Finally, Follow That Tune by watching the bouncing boy jump from pedestal to pedestal playing a tune. $14.95
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4th & Inches
Joystick-controlled football simulation with spotter's P.O.V. from the press box. Players' energy levels decrease according to plays. You choose the starters. Each player has his own individual playing characteristics.
$19.95 *Accolade*

4th & Inches Team Construction Disk
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688 Attack Sub
Players experience the actual dilemmas faced by modern submarine commanders. In peacetime, players hunt and dodge foreign subs while trying to avoid ambiguous gestures that could lead to a shooting match with an opponent. You walk the razor's edge between practicing for war and actually starting one! As cold war turns into full war, missions become increasingly dangerous. Players stalk ballistic missile submarines, attack enemy convoys and duel other hunter-killers to the death. $54.95 *Electronic Arts*

A Mind Forever Voyaging
Journey into the future as the first conscious intelligent computer in an anti-Utopian world.
$14.95 *Infocom*

Aaargh by Arcadia ✔
3-D hand-to-hand combat adventure featuring Cyclops or Godzilla on an action-packed quest for the Golden Dragon's egg. Rampage through frontier fortresses, a medieval castle, Mayan ruins, Egyptian temples, and everything else in sight. $34.99 *Electronic Arts*

Action Fighter
You are Super Rider, assigned to carry out five dangerous air and ground battles in this Sega arcade game. You're riding a motorcycle, but if you find the right parts along the road it transforms into a supercharged sports cas or state-of-the-art airplane. $39.95
Mindscape Inc.

Advanced Dungeons & Dragons: Dragons Of Flame by SSI
Lead the eight Companions of the Lance on an action filled quest through the wilderness of the Elven Mosaic where they gain valuable allies-The mysterious elves of Qualinesti. The Companions must also ally with non-player characters such as nomads and refugee townsfolk, sneak through

Entertainment

the caves of Sla-Mori and into the fortress of Pax Tharkas. Inside the fortress, Companions must recover the sword Wyrmslayer and free the slaves held there by the evil dragons and Draconians. Each Companion has specialized skills. Use them along the way to evade Draconian patrols and to keep one step ahead of the malevolent dragons, giant wasps, griffins, wraiths, zombies and scores of other monsters. Triumph over evil to save the world of Krynn from Takhisis, the Queen of Darkness.
$39.95 *Electronic Arts*

Advanced Dungeons & Dragons: Hillsfar by SSI
Hillsfar combines features of both adventure and action-style games. Shortly after arriving in the city of Hillsfar, each character is sent on a series of quests. The game automatically modifies each subsequent quest depending on the character's class. Each character must successfully complete several action-oriented events: archery, maze exploration, arena combat, lockpicking, and equestrian challenges. If successful, various rewards await the victor: gold; experience; and even magical items. $49.95
Electronic Arts

Advanced Dungeons and Dragons: Heroes of the Lance
Enters you along with eight skilled companions into the ruins of the temple Xak Tsaroth. Here you will battle against Khisanth's evil creatures for the magic key. $39.95
Strategic Simulations

Adventure Construction Set
One to four players can build their own graphic and text adventure from a library of existing playfields, characters, weapons, objects, and sounds. Or create game paraphenalia of your own design. High resolution, realistic sound. Predefined themes include: fantasy, contemporary mysteries, spy drama, and sci-fi.
$19.95 *Electronic Arts*

Adventures Through Time, Vol. I: ✓ The Scavenger Hunt
Scavenger Hunt is an animated text adventure game, in which you become Buck Walker, the son of a 21st century time traveler. Journey into the past in search of five historical artifacts to become the winner of the first scavenger hunt throughout time. Features include overscan graphics, multitasking, mouse/keyboard shortcuts, an advanced text parser and smooth animation. $49.95 *Aurum Software*

After Burner by Sega
Pilot an F-14 Tom Cat through a variety of exciting rescue missions in the home-computer version of Sega's arcade smash hit. Feel the power and the rush of being airborne as you control air speed, flight direction and weapon selection. $49.95 *Mindscape Inc.*

Age of Sail
Relive 17th-19th century tactical naval battles. 2-40 players. Play on one Amiga, via null modem, or via bulletin board service. $39.95
McLean Simulations

Airball ✓
The Evil Wizard has turned you into an Airball—with a slow airleak. You must search over 300 rooms to find the spellbook, which contains the ingredients needed to turn you back into a human. Hurry, before you run out of air.
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Ajax
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Alien Fires-2199 A.D.
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$39.95 *Paragon*

Alien Syndrome by Sega
Aliens have taken over an out-colony and are holding your friends hostage. In this Sega arcade game, you'd better move fast-because soon, a time bomb will get all of you. $39.95
Mindscape Inc.

Alternate Reality: The City by Datasoft ✓
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DigiTek Software

Andromeda Mission by Demonware
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American Software Distributers

Annals of Rome by DataSoft
You are the leader of the ancient Roman senate dated back to 273 BC. Foreign and civil wars.
$34.95 *Electronic Arts*

Aquaventura
Multi-level arcade game that moves solid objects, on a fully featured smooth scrolling 3D playfield at phenomenal speed. A product that stretches 16-bit technology to its limits in graphics, sound, gameplay and cubic destruction.
$49.95 *Psygnosis Limited*

Arazok's Tomb ✓
You're the reporter, investigating a story about an ancient underground city rebuilt in a land of the supernatural, diabolical, and deadly. It is full of mystery, magic, and evil. $19.95
OXXI, Inc.

Archipelagos by Fanfare
Archipelagos is an action-strategy game where the player's goals are to destroy radioactive nodes and obelisks in an effort to make the earth inhabitable for humans. But the quest is hindered by wandering necromancers, waste patches and malfunctioning air sweepers. $39.95
Britannica Software

ArcticFox
Use your high-tech snow tank to defend the South Pole from alien invaders. 3D landscapes, varying terrain, changing weather, more.
$19.95 *Electronic Arts*

ARKANOID
Brick and paddle arcade game. Digital stereo sound, 66 levels of play. Features animation and digital quality sound in a game that tests your reflexes and challenges your split-second decision-making skills. Deflect the rebounding energy ball to destroy mesmerizing brick formations. Each level is tougher than the last.
$29.95 *Discovery Software International*

Art of Chess
Play with the Grand Masters with beautiful graphics. Play against the Amiga, against a human opponent (with The Art of Chess as refree) or watch The Art of Chess play against itself. $24.95 *Anco Software USA Inc.*

Arthur: The Quest for Excalibur ✓
In Arthur: The Quest for Excaliber, players get the chance to fulfill their destiny as they assume the role of the youthful Arthur on a quest for Excaliber, the legendary sword that will make him King of England. Arthur brings Arthurian legend to life with rich, evocative prose, mythic

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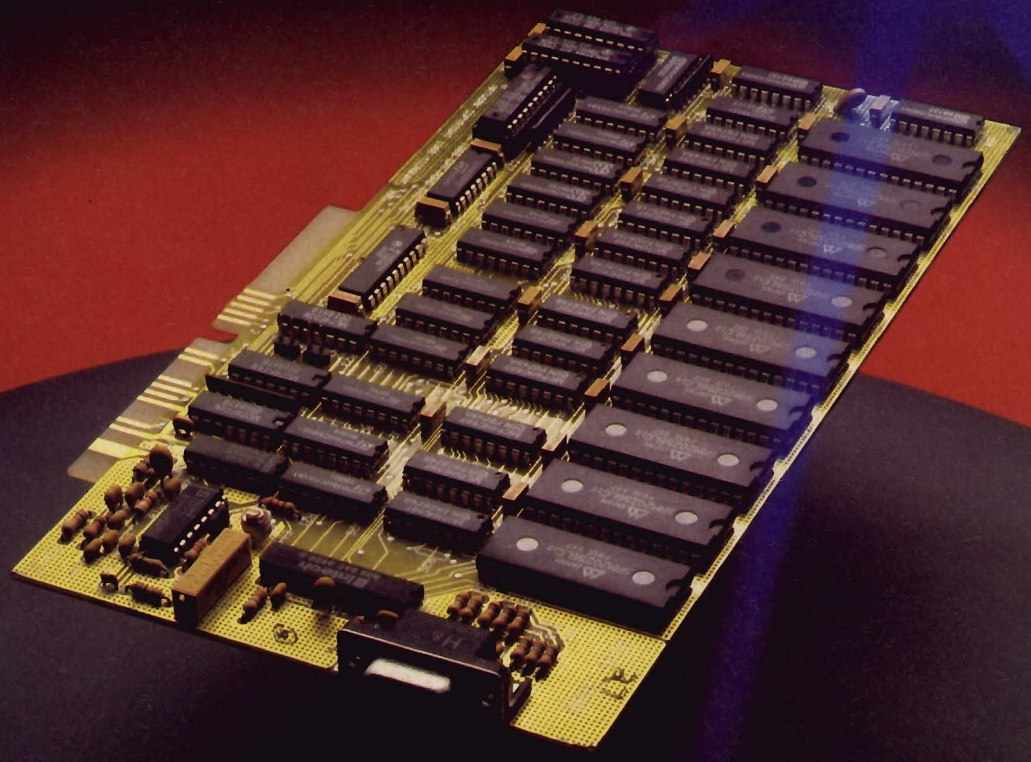

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Atura by Arcadia ✓
Arcade adventure in days of old! As Atura, you must maneuver the mystical wheel of Cerridowen to rescue Nimue, the beautiful keeper of the secret of the lost ancient treasures from the stronghold of the evil half-sister, Morgause. Overcome ghouls, spiders, soldiers and giant rats to find the mystic rune stones which will help your quest. (512K)
$39.99 *Virgin Mastertronic*

Aunt Arctic Adventure
New multi-level arcade game with challenges and surprises for the experienced gamer. Charlie the Chimp has talked his good friend Penguin Pete into helping him rescue his Aunt, who has been kidnapped by Big Borus, the evil ringmaster, who has forced her to work in his circus in the Arctic. You must battle your way through each of 50 levels. Full stereo sound effects and music. 5400 full-color screens.
$39.95 *Mindware International*

Aussie Joker Poker
by Joker Software International
A computerized card game where the computer acts as dealer and croupier, while up to 90 players compete against one another. Purchasers who believe they are among the top 25 poker players are able to play in a special competition mode and may enter their scores for consideration in an Aussie Joker Poker Hall of Fame. $14.95 *Mindscape Inc.*

Autoduel
Build the biggest, baddest, heaviest armed car you can to carry out an FBI mission. An adaptation of Car Wars, the package includes one disk, a road map, driver's handbook, and a tool kit. $39.95 *Origin Systems Inc.*

Awesome Arcade Action Pack
by Arcadia
Three great arcade games: Sidewinder, Captain Zod, and Blasta Ball. In Sidewinder, you'll pilot a spaceship through 3D scrolling screens to kill the alien Star Killer. Captain Zod leads you through 14 levels of attack from vicious Xenon aliens. Blasta Ball is 37th century ice hockey.
$49.99 *Electronic Arts*

Axe Of Rage ✓
A fast-action game with bizarre characters like the barbarian, Pith-Doff Man, the Gargantuan Phlegm Launcher and many more. Players choose the character of either Gorth or Princess Mariana. Their quest is to find the evil sorcerer Drax and stop him from shrinking humankind's brain capacity in an attempt to throw civilization back millions of years. Over 10 axe moves on 18 gross creatures in 18 wierd chambers.
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A mixture of strategy and arcade action featuring: 8 way scrolling through 3 distinctive domains, multi-level. More than 100 monsters and 400 traps. You are the leader of the Time Warriors. Can you save earth from the evil BAAL? His army of undead has stolen an awesome weapon of destruction, a War Machine. Can you succeed in fighting off his monsterous demonic beasts? The alternative is literally 'Hell on Earth'.
$14.95 *Psygnosis Limited*

Bad Dudes
Intense street fighting action game.
$44.95 *Data East USA, Inc.*

Balance of Power
Takes all the features of the original award winning game and adds numerous enhancements to reflect the current amplified state of world affairs. Be a superpower leader in this nuclear-age strategic simulation pitting the US against the USSR $39.95 *Mindscape Inc.*

Balance of Power: The 1990 Edition
Experience firsthand the pressures and challenges of global leadership in the updated and expanded version of Chris Crawford's award winning geopolitical simulation. In the game, you conduct foreign policy as the president of the USA or as the general secretary of the USSR. Strike the right balance between forcefulness and cooperation, and you accumulate world prestige-without creating nuclear holocaust.
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Ballistix
Played on over 130 different pitches. You've got to score more goals than your opponent, whether it's another humanoid or the computer. Everything from ball speed to control to pitch design to number of players can be selected from the opening screen. $34.95
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Ballyhoo ✓
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$14.95 *Infocom*

Batman the Caped Crusader
It's two exciting games in one. Now you can thwart the Penguin or the joker and crack the world's most baffling crimes as Batman, the Caped Crusader. First a flock of web-footed warriors, then a barrage of bomb-throwing buffoons. This could only be the diabolical doings of you know who... An umbrella factory? Robotic penguins? Looks like the infamous jailbird's out again on another felonious fling! Can you locate the Penguin's master computer. Clip his wings and pull the plug on his squawking thugs. Quick to the utility screen! Batarangs! Batgrenades! And a banana, for boosted crime-fighting energy. A booby trapped funhouse? A circus of clones? The crown prince of crime is about to deal his most heinous hand ever! Can you rescue the imperiled Robin? Dethrone the Joker and defuse his troupe of doomsday duplicates? $44.95
Data East USA, Inc.

Battle Squadron
Arcade action shoot-'em-up with over a half hour of different graphics. Three levels of play. Cameleon ships that fly towards your ship(s). Two can play simultanously. Excellent graphics, superb playability, music and sound effects.
$39.95 *InnerPrise Software*

Battlechess by Interplay
An entire medieval world war is reflected on the checkered field. Colorful and dynamic 3-D animation. Over 4 megabytes of animation. Ten different difficulty levels. 400K of digitized sound effects. Modern capability for remote play. Open library of 30,000 moves. Play against a friend, against the computer, or let the computer play itself. $49.95 *Mediagenic*

BattleDroidz by DataSoft
3D, animated competition game based on the brutal gladiator games of ancient earth. The Master Computer, Kronos Prime, has designed a series of warzones with 5 levels of difficulty. Players maneuver through landscapes of rolling digital hills, plummeting concrete cliffs, and searing acid pools. Armed with smart bombs and photon guns, the BattleDroidz must conquer each warzone by capturing the energy keys that unlock the entrance to the next zone.
$34.95 *Electronic Arts*

Battlehawks 1942™
The blood-red Rising Sun on the tan flight deck of the Akagi rushes toward your windscreen as your SBD-3 Dauntless dives through the flak. 3,000 feet! 2,000 feet! Bombs away! In Battlehawks 1942,™ you'll fly historically accurate missions in realistic U.S. and Japanese fighters, dive bombers and torpedo planes in four carrier battles of the Pacific war. True-to-life flight dynamics and instant replays make this a thriller. $49.95 *LucasFilms Games*

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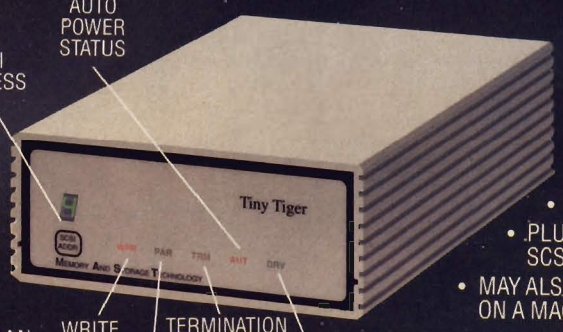

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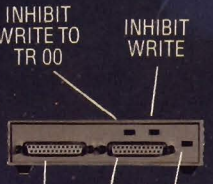

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Beyond 2400 A.D.
Step into the blistering action and strategy of futuristic urban combat in this space age, role-playing adventure game. As a new arrival on the planet XK-120, you are chosen by the beleaguered underground resistance to lead the revolution against sinister robot oppressors and restore freedom to the city of Metropolis. Unparalleled, smooth-scrolling, state of the art graphics with a slightly tilted, top-down perspective. Provides a large, detailed city with 9 levels and a huge underground passageway system. $29.95
Origin Systems Inc.

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In Activision's newest action/strategy title, return with Prince Duncan as he ventures on a mission to conquer his mortal enemy, the Black Knight. Players find themselves back in the dreary, damp castle and they must combine their best strategic tactics with quick action in an all-out adventure. A sequel to Dark Castle, this title features third-person perspective where players are continually challenged with animated creatures and seemingly inescapable castle rooms.
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Beyond Zork
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$39.95 *Capcom, U.S.A.*

Black Lamp
A once-upon a time tale with animation, fast arcade action and multiple levels for hours of gameplay. This medieval melodrama pits the hero, Jolly Jack, against a host of animated animals. Characters include skull-dropping buzzards, evil eagles, spitting witches and the fire-breathing dragon. Includes romance, action, adventure, detailed backdrops and excellent animation. $24.95
Rainbird Software

Black Shadow
Save Earth from a mysterious asteroid, outgun the enemy and bomb key installations. One player or simultaneous combat.
$34.95 *Scorpion Software*

Blackjack Academy
Learn and practice the basics of Blackjack. Five player card table, dollar amounts up to $9,999.00, card toggles on and off. Use multiple table rules (Reno, Las Vegas, Atlantic City) or customize your own table. Pull-down help menu, color selectability, play strategies, game save and retrieve. Also includes quick reference card to help you make the best decision.
$39.95 *Microillusions*

Blitzkrieg at the Ardennes
WWII battle simulation game. Full color graphics, digitized sound. Also available: 1 Meg version $59.95; updates-$10 plus disk.
$52.95 *Command Simulations*

Blockout
An 3D challenge of thought and skill. Maneuver, rotate and position various 3 dimensional blocks, as they fall into the playing pit. Fit them together to form complete layers and the layer will disappear giving you more room to work. Options allow you to change the size of the playing pit, the block shapes, and the speed of play-making for literally thousands of combinations. $39.95
California Dreams

Blood Money
Swap from submarine to helicopter to jet pack in your fight against the monstrous creatures and alien weapons assaulting you from all angles. Balance your budget throughout each of the four alien safari missions. And buying extra weapons isn't just a frill – it's a matter of life and death.
$39.95 *Psygnosis Limited*

Blue Angels
Flight simulation. You perform over 25 actual air show maneuvers in 3 types of air shows and earn a place on the pilots Hall of Fame.
$44.95 *Accolade*

Bobo
The player joins poor Bobo Inzeeslammer, helping him stay ahead of his menial chores and plan his escape. Bobo's no penal pushover! From morning to night, the player runs Bobo ragged trying to keep the ol' cell block ship-shape.
$34.95 *Antic Software*

Boing! The Game
This new game is dedicated to the authors of the original Boing! demo: Sam Dicker, Dale Luck and -RJ- Mical. Enter the daydreams of Seymour Greene, disillusioned employee of *CBBM* (Cute Beach Ball Manufacturer—arch business-rival of *IBBM* and *AppBall*). Help Seymour escape from the imaginary underground cave system, where evil green Boing! balls constantly try to kill him. Guide him to the exit so he will snap out of his daydream and avoid being fired (he's already been warned!). Maneuver Seymour around the flame geysers and falling rocks, up ladders, down slide-poles and through the teleporters! 30 levels and an included Level Editor (make your own!)
$39.95 *Micro Momentum, Inc.*

Bomb Busters
It is the year 2001... During a recent wave of terrorism, bombs were planted throughout the famous buildings of the world. You as leader of the crack bomb squard, Bomb Busters, have been summoned to defuse the bombs. Equipped with only a jet pack, you must fight your way through 100 levels on two disks and save the world. But hurry... time is running out!
$29.95 *ReadySoft, Inc.*

Boomeraid
Witness outback bushman removing social undesirables from the city park using a spear and

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boomerang. These weapons follow graphed flight paths, with control through a mathematical equation. Also included: Mathbench graphing tutor, teaching graphing concepts, 20 questions to test knowledge on subject matter. Games uses concepts learned in tutor. $39.50 *TSA Media*

Bowling
Bowling action game. Player uses the mouse to throw the ball. $19.95 *Silver Software*

Breach
One player tactical squad combat game. Includes intelligent opponents, multi-level combat areas, many pieces of equipment, and several combat scenarios. Includes scenario builder. $39.95 *Omnitrend Software Inc.*

Breach 2
The campaign continues! Lead squads of marines into more sophisticated scenarios. Features animated play and digitized sounds.
$49.95 *Omnitrend Software Inc.*

Bride of the Robot
Adult graphic/text adventure. The further adventures of Captain Brad Stallion. Miss Galaxy has been kidnapped by a runaway robot! Your mission is to rescue her. $39.95
Free Spirit Software

Bridge 5.0
A complete bridge playing simulation. Play with computer partner against two computer opponents. Supports both bidding and playing out of hand. Unlimited number of hands. Bidding based on the five-card major approach and uses the Stayman and Blackwood conventions. Program reviews the bidding, keeps score, and informs user of illegal play or bid. Auto-play mode for players who prefer the computer to make their bid. Quit, claim, or concede any hand during play. For advanced or novice players.
$34.95 *Artworx Software Company*

British Open Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Carnoustie; Royal St. George's (Sandwich); Royal Birkdale; The Honorable Company of Edinburgh Golfers (Muirfield); Royal Lytham and St. Annes. 43 opens!
$20.00 *Moonlight Development*

Bubble Bobble
These are two hungry Dino-Mights and they've got bubble fight'n fun down tight. You and your brontosaurus buddies, Bub and Bob, are up to your brows in bubble trouble. You've got to battle battalions of bullies by blowing and bursting billions of bubbles. It's a fast-paced bubble banquet through over 100 screens of slap-happy suds. Got an appetite for fun, ...then get blowin! $34.95 *Taito Software Inc.*

Bubble Ghost
Help a mischievous spook guide a bubble through 36 rooms, catacombs, obstacles, and traps $19.95 *Accolade*

Bureaucracy
Get your bank to acknowledge your change-of-address form while you entangle yourself in endless red tape that leads you to a ravenous llama and the top of a tree in the Zalagasan jungle. $14.95 *Infocom*

California Challenge
Scenery add on disk for The Duel.
$19.95 *Accolade*

California Games
Play for a big-name sponsor as you surf, skateboard, roller-skate, and BMX race all through California. Specially marked game boxes give you a chance to win T-shirts, skateboards, watches, keyboards, sunshades, flying disks and jet skis! $39.95 *EPYX*

Capone
Action and adventure in Chicago's 1920s. Use your machine gun to beat the gangsters. Liven up the action with The Phaser, a real light gun sold separately. $39.95 *Actionware*

Captain Blood
Award-winning visual effects and a revolutionary icon language transport science-fiction fans to a new dimension in this sophiscated adventure game. Your mission: search the galaxy and interrogate aliens to track down the five clones draining your energy force. Includes a vast universe of more than 32,000 planets, dazzling graphics and digitized music and sound.
$49.95 *Mindscape Inc.*

Captain Fizz Meets The Blaster-Trons
You and a friend will put your minds together to figure out the tactics that will get both of you through the game's 20 fiendishly compulsive levels. Don't be surprised if you can't tear yourselves away! While there's no shortage of alien blasting in this game it's only there to give you and your partner the breathing space to work out what on earth to do next; like who's got the guts to sacrifice his life for the greater good of the game...and who knows, you may even get close to winning. $29.95
Psygnosis Limited

Carlos Monte's 7-Card Nopeekie
Feel like your on the boardwalk while brushing up on this poker-style casino game.
$19.95 *Erisian Software Products*

Carlos Monte's Blackjack/Solitaire
Beat the dealer in do or die blackjack or solo a round of solitaire. $29.95
Erisian Software Products

Carlos Monte's High-Rolling Craps
For the gambler, complete the Carlos Monte collection with full craps rules and all casino options. $19.95 *Erisian Software Products*

Carrier Command
A game of strategic warfare combining wild arcade action and stunning three-dimensional graphics. You are at the helm of a futuristic aircraft carrier equipped with fighter planes and amphibious tanks, missiles and virus bombs. Use up to 4 aircrafts and 4 amphibious vehicles simultaneously, to capture over 60 islands. Features 3D solid-filled graphics, smooth scrolling, fabulous sound and special effects. Your choice of action or strategy game, plus save-game option. $44.95 *Rainbird Software*

Casino Fever
Play and learn craps, roulette, blackjack and poker. Online help in craps and roulette. Mouse driven interface, Vegas odds. Works on any Amiga. $39.95 *Ethos Development Co.*

Castlevania
Fight ghosts, goblins, demons, wolves, and bats, all thirsty for your blood. Go up against Count Dracula as he goes for your jugular. For one player only. Joystick controlled.
$44.95 *Konami Inc.*

Centerfold Squares
Adult-oriented game with digitized graphics. Play against a Centerfold opponent to uncover strategically positioned squares. Different skill levels from easy to nearly impossible. Graphics digitized using a proprietary process that combines the best features of modern scanning technology with the artist's finishing touches.
$29.95 *Artworx Software Company*

Chariots of Wrath
While fighting for your King in far off lands, a rival Baron has kidnapped Princess Arthena, your future Queen. Chariots of Wrath combines arcade action with the depth and challenge usually only offered by adventure or strategy games. $34.99 *Impressions*

Charon 5
New design concept combines a mix of strategy and fast-paced arcade action to produce an enduring game of epic proportions. The action takes place on 5400 full-color screens spread throughout 11 levels, enhanced by exceptional true stereo sound and music. $34.95
Mindware International

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Checkered Flag Rally
One or two player, overhead view, and 48 directional scrolling in 32 colors! Pushing the Amiga to its maximum. Checkered Flag Rally achieves 55+ frames of animation per second. Race on one of ten courses, each so large that it takes at least four minutes to complete just one lap! $44.95 *Realism Entertainment*

Chrono-Quest
Your quest begins in your father's chateau circa 1920, where you find his latest invention: A fantastic time machine. You are the prime suspect of your father's murder, but a letter from him leads you to think he has escaped into the future. You must find fragments of a magnetic card needed to drive the machine home. Brilliant graphics, full icon control, 3 disks.
$49.95 *Psygnosis Limited*

City Defense
Defend cities from outer-space laser attacks. Includes limited missiles, mouse control.
$19.95 *Constellation Software*

Classic American Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Seminole (Palm Beach, FL); Pine Valley (Clementon, NJ), ranked No. 1 in America; Spyglass Hill (Pebble Beach, CA); The National Golf Links of America (Long Island, NY); and Cherry Hills (Denver, CO). $20.00
Moonlight Development

Clever & Smart
Join the fun with the bumbling detective characters from Germany's most popular comic strip. They're on a mission of a lifetime trying to find the kidnapped Dr. Bactterius. Incredibly tricky program of strategy as these zany characters fall in and out of trouble and mischief. Package also includes: The Crimes, a newspaper filled with clues that will help you solve the mysterious crimes. $34.95
DigiTek Software

CLOWN-O-MANIA
CLOWN-O-MANIA is the adventure of Beppo the Clown. Beppo has spent his whole life exercising the laugh muscles of thousands of enraptured audiences. One evening in the empty circus stands he finds a map showing the way to a country full of priceless crystal. From this day forth Beppo gives up his life as a clown and decides to set off on a journey into a new world. Accompany Beppo through this amazing crystal wonderland with 70 levels full of riddles and tasks, 3D screen construction and soft-scrolling in all directions, hilarious upside down play, great music during game play and lots of enemies and surprises. $34.95 *Star Games*

Clue Master Detective
Play your favorite game of criminal detection with friends, or against the ultimate master of deception, your computer! Player with a mixture of human and computer controlled opponents.
$39.99 *Mastertronic International*

Clue Master Detective (512K)
The well-known board game comes to the Amiga. Play against the computer or play with the computer and human opponents. Clue Master Detective has more suspects, murder locations, and weapons than the board game.
$39.95 *Virgin Mastertronic*

Colossus Chess
This program offers exceptional graphics, four different sets of chess pieces, complete control over screen orientation (view board from any angle), six playing modes. A unique feature is its ability to learn new lines of play based on its experience playing against opponents.
$34.95 *Artworx Software Company*

Combat Course
Get out those fatigues- you've just been drafted into a top-secret training camp for the military elite. Test your skill and endurance in four fast-paced training levels, then build your own obstacle course for the ultimate challenge.
$39.95 *Mindscape Inc.*

Combat Zone
Dack MacKenzie is your name; most fearless and hotheaded one/man army this country has seen! Ballistics expert, tank operator and ace helicopter pilot, do whatever it takes to get the job done right the first time. Operation Skylark is your next assignment, the most difficult and dangerous yet. Enemy forces have been detected on American soil, and it's your job to stop them cold! Use combat skills to blast apart waves of enemy attacks! Get the job done right the first time...or it may be your last. $14.99
Keypunch Software

Commissioner's Disk
For use with Earl Weaver Baseball and Season Data Disks, the Commissioner's Disk provides players with complete control of any baseball league imaginable. A sophiscated tool for managing league baseball, players may use it independently for real-life leagues, from Little League to softball leagues. Become General Manager, as players may draft and schedule a league, hire free agents, update player and team files, and trade up to five players at a time while attempting to operate a successful league. Player rosters and league schedules may be customized and printed once a team has been organized. Players accumulate statistics, view league stats by batting average, slugging percentage, pitching performance, and player position. Players may design their own ballpark or redesign the classics. $19.95 *Electronic Arts*

Contra
Pitted against the galaxy's fiercest foe, the Red Falcon, you'd better win or the world loses. You have a multitude of weapons at your disposal—from rapid fire machine guns to high-tech lasers. You'll sweat blood, fighting past complex mazes, underground security systems, and tropical forests surrounded by giant waterfalls and alien cannons. The ultimate test for the ultimate guerilla warrior. If you survive, the Earth survives. Features simultaneous play for two players or play against the computer. Joystick controlled. $44.95 *Konami Inc.*

Corruption
A fast-paced illustrated interactive adventure game about power, profit, double-dealing and deceit. Powerful graphics reflecting the financial world and underworld of London plus an expansive vocabulary that let's you interact with over fifteen characters in everyday language. This compelling adventure tests your skill at manipulating characters and extracting information to solve the puzzle. Recommended for adult minds only. $44.95
Rainbird Software

Cosmic Bouncer
Be the first tennis ball to come to life. Bounce and dodge your way through 22 scrolling levels, which are cluttered with death tiles, acidic blobs, super bonuses and disappearing floors! Earn the title Cosmic Bouncer! $29.95 *ReadySoft, Inc.*

Cosmic Relief
Find Professor K.K. Renegade, the only man who can save the Earth from asteroid devastation. Direct one of five explorers over caverns, across a tightrope, even over the clouds on a vacuum cleaner as you try to find the Earth's only hope. Use tools you find along the way to help in your quest. Humorous graphics and stereo soundtrack. $34.95 *Datasoft*

Craps Academy
Learn the mysteries of the craps table in the privacy of your own home. Graphics and special effects teach you the rules of the game. A 4-player table allows 5 friends to play at once, animated dice with scrolling table, complete glossary of buzz words, instant recap of recent game and player stats. $39.95 *Microillusions*

Crash Garrett
Contemporary, action packed comic adventure, comic book format reveals stylish, detailed animated faces complete with speech bubbles and voice audio. Sophisticated, full-body

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surprise sequences appear throughout to enhance the story line. Players direct the characters by entering commands or take cues from the action that proceeds unprompted. Set in the late 1930's, ace flyer Crash Garrett escorts you through the Hollywood scene to rescue sultry gossip columnist Cynthia Sleeze from sinister Nazi mastermind Baron von Engel Krul and his cronies. $39.95 *Antic Software*

Crazy Cars
Race in The American Cross Country Prestige Cars Race, the world's craziest race. Over six tracks cover the U.S. in 72 stages. Complete the race before time runs out and get a faster car. Start with a Mercedes 560 SEC, then a Porsche 911 Turbo. Work up to a Lamborghini Countach, and if you're good enough, a Ferrari GTO.
$39.95 *Titus Software Corp.*

Creature
Distress calls received from deep space report hostile alien life forms, and you are the only space security captain within range. Will your light phaser (sold separately by Actionware) be enough to stop the aliens? And what of the rumors describing an unstoppable beast that lurks within the walls of the space station? This may turn out to be your worst nightmare, For it is... Creature! Also uses mouse.
$39.95 *Actionware*

Cribbage King / Gin King
Two brilliant card game programs in one package! Gin King will astound you with its stunning full-color high resolution graphics and challenging play. Cribbage is one of the world's oldest and most popular card games. Now with Cribbage King you can play cribbage like a king! Package includes free cribbage board and a deck of Bicycle playing cards. $59.95
The Software Toolworks

Crystal Hammer
Breakout game with 30 levels of play for one or two players. Eight differently programmed crystals, intelligent enemies, smooth scrolling.
$19.95 *Constellation Software*

Cutthroats
You're an expert diver working with a cutthroat gang to salvage a shipwreck's sunken treasure; but you can't afford to let the gang get their hands on it. $14.95 *Infocom*

Daily Double Horse Racing
Spend a day at the race track with a full card of ten races. Check your racing form, handicap the races, taking into account the horse, jockey, and track conditions. Then place your bets and watch the action of the race in 3D scrolling graphics.
$29.95 *Artworx Software Company*

Circle 105 on Reader Service card.

Dark Castle
Conquer numerous perils and defeat the Black Knight in the Castle of Doom. Search the castle's halls; but watch out for the bats, rats, vultures, mutants, magic brooms, and whip and rock wielding henchmen. Fourteen levels of increasing difficulty. Animated color graphics and digitized sound effects. $44.95
Three-Sixty

Dark Side
An alien race seeks the final destruction for humanity. Their awesome doomsday device, the Zephyr One, is programmed for the final assault. Armed with laser, shields and a jet power pack, you must infiltrate a heavily guarded military zone and destroy the Zephyr One. Features Freescape, the ultimate smooth scrolling, solid 3D system. Observe your entire surroundings in 3D first person perspective. $39.95
Cinemaware Corp.

Datastorm by Visionary Limited
The explosion of the planet Xerxes plunged its eight orbiting colonies into deep space. Forced to rebuild, they are seeking out a new home planet. You must guide and protect the eight survival pods through their dangerous voyage and lead them to sanctuary. Fight up to 128 intelligent enemies simultaneously, 3 skill levels. Special powers include: shields, smartbombs and cloaking devices. $39.95
Media Technology Limited

Deadline
Whodunnit murder mystery with 6 suspects and a 12-hour time limit. $9.95 *Infocom*

Death Sword
Fight to the death for Princess Mariana in this arcade sword adventure. Great color graphics and sound effects. One or two players.
$39.95 *EPYX*

DeathBringer
Travel across a vast wilderness. Explore hidden forests, dark castles, forbidden towers and secret temples. Much lies concealed just beyond your

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view. Become the leather-skinned barbarian who ventures to save Mezron from certain destruction. Unless you find the where-abouts of the magical gems before Azazael the DeathBringer does, his powers will be unstoppable! $39.95 *Cinemaware Corp.*

Defcon-5
Strategy is the key to survival. Authentic SDI 'Star Wars', computer/computer simulation. Using realistic military commands, you are in control of our Star Wars space based defense system. Orbit laser neutral particle beam emitters. Electro-magnetic launchers and nuclear posts. Control surveilence system and destroy missles from eastern enemies before they destroy the earth. Great graphics and real-time action.
$39.95 *Cosmi Corp.*

Defender of the Crown
The age of chivalry! A time of lusty wenches and black hearted villains. The King has been murdered and England thrown into civil war! Amidst the ringing clash of steel and the thunder of charging steeds, the bold Saxon knights have chosen you to lead them in battle against the hated Normans. Victory will not come easy. To save England, your skills as swordsman and military leader will be severely tested. But should you succeed, you'll win the Crown of England and the love of many a beautiful damsel!
$49.95 *Cinemaware Corp.*

Deja Vu II: Lost in Las Vegas
From the creators of Deja Vu, Uninvited and Shadowgate comes this interactive graphic adventure game. You've been abducted by two thugs from Chicago, knocked senseless...and now, if you don't come up with $100,000 in seven days, your number is up! $49.95
Mindscape Inc.

Deja Vu: A Nightmare Comes True
This is the first all-graphic adventure game from ICOM Simulations. You wake up with a bout of amnesia and quickly realize that you're being framed for murder. You'll feel as if you're in a 1940s film as you gather clues to clear your name.
$49.95 *Mindscape Inc.*

Demon's Winter
A fantasy role-playing game set in an immense, highly detailed world that promises days of discovery, adventure and excitement. The five characters that make up your party can be Humans, Dwarves, Elves or Dark Elves, each rated for speed, strength, intellect, endurance and skill. These qualities increase as the game progresses. Although Malifon is trapped inside a volcano, he is far from powerless. Gathering all his energy, he casts a spell so mighty that the entire world was thrown into a deep, frigid winter. You must search the lands and seas for the spells needed to trap Malifon forever and undo his curse. $29.95
Strategic Simulations Inc.

Denaris by Hard Wired
Throughout time, man has been a victim of his own intelligence and his insatiable thirst for knowledge. The planet Denaris is a horrifying example. Scientists created Machines which became so sophisticated they no longer depended on man, so began a rule of tyranny. The Denarian people tried in vain to destroy the Machines with a mighty ballistic missile, but from the ashes of the nuclear fires the Machines rose up more powerful than ever. Trapped in an underground stronghold, now the Denarians only hope for freedom is the DS-H75 Eagle Fighter, an ultra refined space glider. Control the Eagle Fighter in this epic crusade against evil... and win freedom at last for Denaris.
$39.95 *Gold Disk*

Destroyer
WWII in the Pacific on a U.S. naval destroyer. Manage the entire ship, or man a single station. Torpedos, anti-aircraft guns, depth charges, more. $39.95 *EPYX*

Diablo
Keep the ball rolling by laying the tracks down in front of it. $29.95 *Classic Future*

Dinowars
Play against the computer or another player, an interactive strategy with fully animated arcade sequences and a complete encyclopedia. Join forces in two opposing armies featuring eight of the best known dinosaurs of the prehistoric era. Choice of 5 different board setups. A multiple disk package. $39.95
DigiTek Software

Distant Armies
The playing history of chess. Includes 10 forms of chess, each programmed with its own board, pieces, and rules. Several levels with two and three dimensional views; extensive on-line description of each game's history and rules. Includes Chaturanga, Chinese Chess, Burmese Chess, Shatranj, Byzantine chess, Medieval Chess, Courier, Turkish Chess, Decimal Chess, and Maniac. $44.95
Eagle Tree Software

Distant Suns
Distant Suns is version III of the award winning Galileo planetarium simulation. Distant Suns won the '88 CES (Computer Electronics Show) award for the most innovative educational product and AMAZING COMPUTING's best educational product for '89. Distant Suns turns your Amiga into a planetarium. The sky can be viewed from any place on Earth or from the North Pole lying on your back looking upward in planetarium mode. The program accurately replays 10,000 years of what the sky looked like and it projects 10,000 years into the future. It is a very beautiful and realistic color simulation of the sky created by R. Mike Smithwick, a NASA astronomer, and published by Virtual Reality Laboratories. This vastly complex program fully uses the power of the Amiga, but Sky and Telescope magazine says, they are complex programs you can learn to operate so quickly and effortlessly. Galileo (now Distant Suns) is fun, in addition to being powerful and visually stunning.
$69.95 *Virtual Reality Laboratories, Inc.*

Dominoes
Classic board game with 3D graphics. Easy to learn, hard to win. $12.95
Polyglot Software

Double Dragon by Arcadia
Arcade hit about Billy and Jimmy Lee, twin brothers learning to fight on the cold, tough streets of the city. Their expert knowledge of martial arts and their street smarts have made them formidable fighters. Help them pursue the gang that has kidnapped Billy's girlfriend and win the final confrontation. A fighting classic!
$39.99 *Electronic Arts*

Double Dragon II: The Revenge
Twin brothers Billy and Jimmy Lee must join in deadly combat with the savage Black Warriors to free Billy's girl Marion. Using martial arts expertise and whatever weapons they can grab, Billy and Jimmy pursue the gang to the secret lair of the Shadow Boss for a final confrontation.
$39.95 (512K) *Virgin Mastertronic*

Double Dribble
The ball is in your court, and it's time for a little 5 on 5. You know every trick in the book; but so does your opponent. He'll match you man for man, move for move. Slams, steals, switching defenses, fast breaks, you name it. The clock is ticking; the coach is screaming; the pressure's on. Will it be in the hoop...or in your face? Features simultaneous play for 2 players or one players against the computer. Joystick controlled.
$39.95 *Konami Inc.*

Downhill Challenge
Ski-racing simulation allows players to compete in downhill, slalom, giant slalom and jumping events. Three levels; 3D animation.
$29.95 *Broderbund Software Inc.*

Dr Doom's Revenge
An interactive comic book. State-of-the-art full screen comic book pages, drawn in dazzling

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color and featuring the authentic marvel look. Each page of the game shows Spidey and Cap's progress through Doom's castle. Over 30 challenging arcade sequences give you control of Spiderman & Captain America as they battle Dr. Doom & his super villains. $39.95 *MicroProse*

Dr. Plummet's House of Flux
More than a run-of-the-mill gravity game. It is 28 screens of the most bizarre, humorous and frustrating challenges in the universe, spread over four selectable missions, each one more difficult that the last. It's fighting aliens and twisted, unpredictable forces of Dr. Plummet's fortress. But best of all, it's the most entertaining way to turn off those overworked brain cells for a while. $34.95 *Microillusions*

Dragon's Lair
The much-awaited arcade classic. Six digitized disks bring the coin-op laser legend to the Amiga. As Dirk the Daring, you'll try to rescue Princess Daphne from the evil Dragon, Singe. Requires 1 MB RAM. $59.95 *ReadySoft, Inc.*

Dream Zone
Graphics adventure game set in the land of your dreams. A mad scientist's elixir has turned your dream world into a reality. It's up to you to call upon your logic, imagination, persistance, and sense of humor to locate and overcome the source of your nightmares. Over 100 exotic locales to explore while conversing with multitudes of people, animals, and things. Type simple English commands or click on objects to collect objects, seek clues or invite company on your journey. $49.95 *Baudville*

Dungeon Construction
Set up new labyrinths and scenarios, or create monsters, treasures, and magic items.
$39.95 *Microillusions*

Dungeon Master
Real-time dungeon exploration with 3D view. Levels upon levels of monsters, puzzles, and more. Mouse only interface. Quick reference answers manual available, see Books and Video section. $39.95 *FTL Games*

Dungeon Quest
A graphic adventure featuring state-of-the-art pictures and sounds. Follow your journey through dark castles and forests.
$49.95 *Image Tech*

Earl Weaver Baseball
Baseball simulation game challenges your skill as a batter, pitcher, fielder, and manager.
$49.95 *Electronic Arts*

Earl Weaver Baseball Data Disk
Statistics from 1986 major-league teams.
$19.95 *Electronic Arts*

EbonStar
Skill and strategy. Avoid satellites, armed drones, and the Warp, to destroy competitors by hurling them into the synthetic black hole. 1-4 players, 50 levels of complexity. Fast paced free flowing graphics and animation are sure to keep you captivated! $34.95 *Microillusions*

Echelon
True simulation puts you in control of the C104 and in the heart of the action. You operate the craft from inside control room. As the top ISF pilot, you are in command of the C104 Tomahawk stationed in patrol zone 106. As the only patrol craft in the zone, you must fly daily reconnaissance missions. Search for artifacts and clues that reveal location of the space pirate stronghold. $44.95 *Access Software*

Eliminator
Space highway arcade game. $34.95
MicroProse

Elite
Elite combines the elements of strategy and shoot'em up arcade action in a sensational test of skills. Your goal is to reach supreme status of Elite. This challenging program is a test of combat all the way. How you aquire the needed skills is up to you. $34.95 *Rainbird Software*

Emerald Mine
Arcade adventure with over 100 levels. Collect jewels, avoid obstacles, and beat the clock in an emerald mine. $19.95 *Constellation Software*

Emperor of the Mines
You are now the Emperor of the Mines and you are charged to command a vast fleet of spacecraft to explore and exploit the mineral deposits in your quadrant. Many hazards must be faced, including: battles against the elements, mechanical failure, financial problems and the neighboring warrior. Race in this real-time space wargame where money is king!
$29.99 *Impressions*

Empire by Interstel
Stop the imperialistic Krellans from total domination of Alliance airspace in this strategic simulation that features global conflict, conquest, and empire building for one to three players. Begin with one city on a large unexplored planet and try to capture cities and build up a defense against the Krellans. Features air, land and sea combat and a large arsenal of weapons.
$49.95 *Electronic Arts*

Enchanter
You are a novice magician in a world of wizards and spells. Combat the Evil Warlock, using spells you've acquired through your travels.
$14.95 *Infocom*

Enchanter Trilogy
Enchanter, Sorcerer, and Spellbreaker all in one package. $29.85 *Infocom*

Enlightenment
Trek through desert, swampland, caverns of darkness, and more to destroy the evil Acamantor in this fast-paced action adventure game. Enlightenment conjures up all the power and magic you could ever imagine in one game. Its fast-paced adventure keeps you blasting and baffling your enemies at every turn. Superb effects in sight and sound, 15 treacherous levels, 32 different spells and a two-player option. Summon your master magician and elementals to aid you in your quest. $24.95
Rainbird Software

European Challenge
Scenery disk for The Duel. Journey through Germany, Switzerland, Holland, France, Spain and Italy. $19.95 *Accolade*

Eye of Horus by Fanfare
Eye of Horus is an arcade, adventure game set in ancient Egypt, in which the player relives the ancient myth of Horus. As Horus, the player can transform from man-god to hawk at will in search of the missing pieces of his Father's body. However, somewhere in the confines of the tomb lies the awesome presence of your evil Uncle Set who wants to destroy you!
$39.95 *Britannica Software*

F-19 Stealth Fighter
Features an advanced cockpit with two multi-purpose display screens, a radar scope and 3D window viewing with a superimposed heads-up display (HUD). More than 30 separate controls are used to regulate flight, engage in combat and surveillance and maintain the plane's electromagnetic profile. Scenarios are based on missions Air Force pilots have flown in training or actual missions. The action moves at Mach speeds on missions in North Africa, Central Europe, the Persian Gulf and the North Cape of Scandinavia. Provides a constant challenge for beginning and expert game players. The game features authentic, state-of-the-art weapons and threats with heat-seeking, radar-homing and video guided missiles, plus laser-guided and free-fall bombs. $69.95 *MicroProse Software, Inc.*

F/A-18 Interceptor
Fly the F/A-18 Interceptor into combat to defend Air Force one. Includes six combat missions, free

Entertainment

flight, and a training mission. In free flight mode, you can try to fly under the Golden Gate Bridge or over Alcatraz. Land on the U.S.S Enterprise on a training run. Variety of weapons, 3D graphics, real-time digital map, first person perspective, zoom function, ejection seat, and sound effects. Requires minimum 512K; 1 MB suggested.
$39.95 *Electronic Arts*

F40 Pursuit Simulator
At the wheel of the fabulous Ferrari F40, tear through four states in search of the quickest way to accomplish your mission. Plan your route carefully from the map of each state displayed on screen. It will show the actual byways that you can speed on. Your Ferrari features the latest radar, enabling you to detect police road blocks. Realistic 3D road junctions, hills and superb graphics. $44.95 *Titus Software Corp.*

Face Off
Ice hockey simulation where you must master the skills of staying on the ice as well as dealing with the other players. Be prepared for the body checks, fouls and rough plays. This game puts you in league competition with a one or two player option. $24.95 *Anco Software USA Inc.*

Faery Tale Adventure
Guide 3 brothers on a quest to save the land of Holm from the forces of night. Traverse caverns, mazes, forests, mountains, deserts, islands, castles, and more. Over 19,000 playable screens. 3D overhead perspective lets you watch as goblins, skeletons, and ogres pursue the brothers. Music changes to foreshadow action, just like in the movies. Adjustable music and sound. $49.95 *Microillusions*

Falcon
Become the pilot of a realistic but playable F-16 simulation. Controls, heads-up display, and radar conform to current avionics of the F-16A. Game includes twelve missions which vary from air to ground bombing runs to dogfighting up to three enemy MiGs at a time. The most outstanding feature is the ability to go head-to-head against an opponent on a second Amiga. Advance from 1st Lt. to Colonel with increasing abilities such as the Immelmann, yo-yo's, loops, and scissors. Incorporates real action sounds, including engine start-up, machine gun, missile launch. Four cockpit views and three tower views, zoom-in and zoom-out features. So realistic, Falcon is being used in a military aircrew training program.
$49.95 *Spectrum Holobyte*

Famous Courses Disk Volume #1
Featuring Harbour Town, South Carolina; Sunningdale, London; Dorado Beach, Puerto Rico; and the most difficult and challenging course Pine Ridge. Each course features a scorecard printout, a top view, and an all new PUNCH feature which lowers the trajectory of the ball and assists in tree play. Requires World Class Leaderboard. $19.95 *Access Software*

Famous Courses Volume II
More golf course challenges for owners of Mean 18 include Inverness Club, Turnberry, and Harbour Town. $19.95 *Accolade*

Famous European Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Club de Golf Sotogrande, Spain; Chantilly, France; Falsterbo Golfklubb, Sweden; Club Zur Vahr, Germany and Royal Liverpool (Hoylake), England $20.00
Moonlight Development

Fast Break
Three on three basketball with double-clutch, mid-air, off the glass animation. Go to the playbook for 15 offensive and 5 defensive pro-styles. Design your own plays with the exclusive Playmaker feature. View network television court perspective. $44.95 *Accolade*

Femme Fatale
A digital puzzle for adults. 10 exquisite girls digitized in full color. Large, full screen images. 5 difficulty levels (25, 40, 64, 80 and 100 pieces.) Digitized feminine voice assistance. Load/Save game options, hints, undo, status. Choose from our superb library of Digitized Data Disks or use your own images. Entertaining and addictive.
$34.95 *Graphic Expressions*

Ferrari
Formula One Grand Prix Racing Race a full season on the international Grand Prix circuit. Compete against seven different drivers on 16 tracks. $49.95 *Electronic Arts*

Feud
A magical mystery with a vengeance! Take the part of a feuding medieval wizard and slug it out, spell for spell with an amazingly cunning computer opponent. Move through the stunningly illustrated world of Middle Ages England and fight it out with your Amiga! One player only. $19.99 *Mastertronic International*

Fiendish Freddy's Big Top O' Fun
Take a satiric, twisted visit to the circus with this arcade-style game, which uses slapstick humor and superior cartoon-style animation. Take center ring on the trapeze or in five other events, but look out for Fiendish Freddy, the cynical circus saboteur who will thwart you at every turn.
$49.95 *Mindscape Inc.*

Final Assault
Climb some of the world's highest mountains. Mountain climber Eric Escoffier acted as consultant to add to the game's realism. Players must select their backpack supplies from over 50 items. Variables include temperature, time, altitude, and physical condition of climber. Training course and safety guide included.
$39.95 *EPYX*

Final Mission
Avoid enemies, collect objects. Dig and climb your way through 350 different levels. Dangerous mines, traps and energy fields will push you to the limit. Excellent graphics, sound and programming $29.95
DigiTek Software

Fire and Forget
The Earth is in turmoil and you must save it. You're the top commander of the Thunder Master, the world's ultimate fighting machine. Face three levels of six conflicts from guerilla to global war. Let Thunder Master's V-16 triple turbo engine and four-wheel drive speed you through enemy terrain. If you need help, radio to a partner. Let the commander of the magnetic levitation unit Thunder Cloud help you by manning the skies while you take the ground.
$39.95 *Titus Software Corp.*

Fire Power
Arcade-style tank battle featuring one-to-one playability on split screens—against the computer, against a friend, or over the modem. Smooth scrolling graphics and animation give the game a realistic feel. Sound effects like tank engines, explosions, and helicopters keep you on your toes as you defend against the enemy and its helicopters. Rescue your troops and return them to the first aid stations. Multiple fields and random flag locations allow a variety of strategies. Three tanks to choose from.
$24.95 *Microillusions*

Fire Zone by DataSoft
Futuristic war game set in the 21st century lets you jump behind the wheel of a high-powered combat vehicle for a futuristic fantasy. European Combine and the Pacific League
$34.95 *Electronic Arts*

First Expedition by Interstel
You're Braun the Explorer, venturing in an unknown ocean world. Recover the three sun spheres and save civilization. $49.95
Electronic Arts

Flight Path 737
Learn to fly the 737. Start with solo flights to work toward your international license. Take off from a mountain surrounded airfield and navigate to a landing on the other side. $24.95
Anco Software USA Inc.

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They look, feel, and play like real Arcade games ... because they are – the same games running on 1-megabyte Amiga boards inside the coin-operated cabinets!

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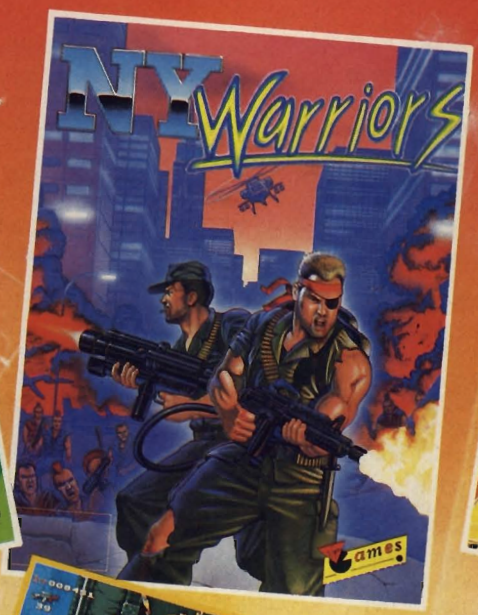

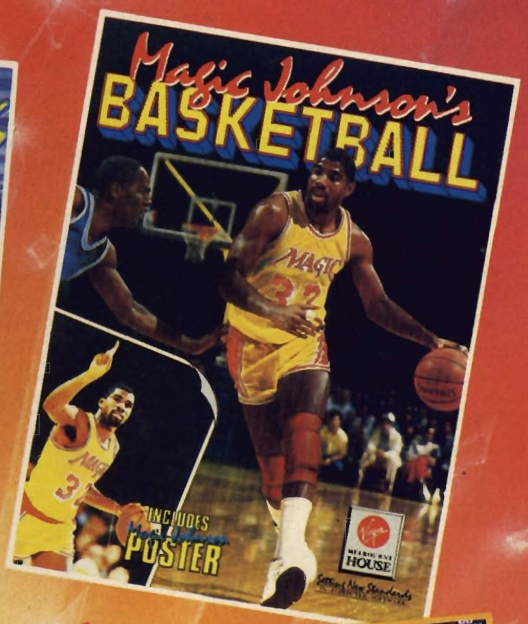

All screens from Amiga 1-Megabyte versions, which are the same versions running in Arcades.

ARCADE

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Entertainment

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Many levels and life-like sound make FootMan a classic arcade game. Two different games, simultaneous 2-player mode, and full maze also included. $39.99 *Incognito Software*

Fortress Underground
Use a battle helicopter to search and destroy an enemy power station in a 640-screen underground cavern. $19.95
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Foundation's Waste
Use a stolen aircraft to escape from the evil planet. $34.95 *Scorpion Software*

Freeway Massacre
Driving simulation. You play the Freeway Vigilante on the California Freeway.
$39.95 *Teknoware*

Fright Night
You're Jerry Dandridge, and you've got twelve hours to bite everyone in the house before they stake it to you. Game play by Steve Bak and graphics by Pete Lyon. $39.95 *Microdeal*

Frostbyte
Help Hickey the Kreezer rescue his friends from the crater-dwelling ghouls. Pick up sweets to help Hickey move faster, jump higher, and fall further. Beat the clock or your man is dead Kreezer meat. $29.95
StarSoft Development Laboratories

Galactic Conqueror
Fast action of a coin-op game and the sophisticated strategy of a computer. Located in the center of the galaxy is 'Gallion', the supreme headquarters of the stellar league. They have detected an enemy invasion. As the only one with enough experience to handle a strategic conflict, you will be sent to stop the invasion. Which of the 416 planets will be the most important to liberate and aid in the battle? Which planets may not be counted on? Join a training mission at any time, to increase your skills and attain a higher level of performance.
$44.95 *Titus Software Corp.*

Galactic Invasion
Intergalactic dogfight. Invade the enemy galaxy and capture and destroy their satellite stations. Find material to build the ultimate doomsday weapon. Real-time interactive graphics, digitized stereo sound, computer opponent, 3-D galaxy complete with stars, planets, moons, suns, and asteroid belts. $24.95 *Microillusions*

Ganymed
After centuries of oppressive rule by the Tyrans, Lord Mantrex and his Star Warriors have rebelled and attempted to win the freedom of the planet. After years of bitter fighting, the remnants of Lord Mantrex's forces have gathered to face the final assault by the Tyrant Deathbots. You, as Lord Mantrex, must defeat the Tyrans and win back the freedom of Ganymed. $29.95
ReadySoft, Inc.

Gauntlet II
Arcade fans are talking about the home-computer version of this game, which captures all the superlative graphics, sound, and excitement of the coin-op megahit. Explore the Dark Dungeons in search of treasure and power as you battle ghosts, demons and other foes. Up to four people can play at once!
$49.95 *Mindscape Inc.*

Gettysburg: The Turning Point
Reenacts the three day Gettysburg Civil War battle in 42 turns. Command-control system shows the effects of the commanders, ammunition points, fatigue, and other factors. Basic, intermediate, and advanced modes available. Computer allows you to play the Blue or the Grey. $59.95
Strategic Simulations Inc.

GFL Championship Football by GameStar
Arcade-action football game from an in-helmet perspective. Smash through 60 minutes of hard-hitting football. Players select teams, play a friend or one of 27 separate computer-controlled GFL opponents. Choose from 34 offensive plays and 12 defensive alignments. $44.95
Mediagenic

Global Commander by DataSoft
In the year 2032, all 16 of the world's powers are members of the United Nuclear Nation. Each nation has its own government, personality, and needs. You are responsible for the welfare of the entire UNN, including the distribution of all nuclear missiles, fulfilling food needs, communication, and economy. If you do your job well, peace will prevail. $39.95
Electronic Arts

Gnome Ranger
Guide Ingrid through this magical three-part graphics adventure game by Level Nine. Includes 48-page Gnome diary. $19.95
Constellation Software

Gold of the Realm
Awesome graphic action adventure game. Four castles to explore, 320 different scenes, 32 color screens. MIDI compatible, fight off villains, find your way through mazes to get to treasure! Joystick and mouse control. Three levels of difficulty, pause and game save features to make mapping easier. Digitized sound and MIDI compatible music. $39.95
Magnetic Images Co.

Gold Rush
Historical adventure follows a 49er from New York to California. Three different games, one for each path the miner follows. $39.95
Sierra On-Line

Goldrunner
The first installment of the Goldrunner series. Join in as humankind prepares to leave earth and enter the Golden Age. Can you become the fabled Goldrunner in the battle for the Ring-Worlds of Triton? $39.95 *Microdeal*

Goldrunner II
Fifty years ago, the first Goldrunner, a brave and bold warrior, defeated a powerful force of space pirates to save the world. The past five decades of life on the Ring-Worlds of Triton have altered the life of the human race. No longer a warrior, technology has made man a new fighter. But the robots that defend his home have been captured by pirates and turned against him. That's when the action begins. Fly your single seated fighter to the platforms, outwit the pirates' defense system, and recover the robots. $39.95 *Microdeal*

Grand Prix Circuit
You do more than drive a car. Qualify in races against the clock, single races against 9 computer drivers who have unique personalities and characteristics; and ultimately the World Driving Championship where they race on all eight tracks. $49.95 *Accolade*

Graphic Adventure Collection
Three award-winning graphic adventures: Deja Vu, Uninvited, and Shadowgate.
$49.95 *Mindscape, Inc.*

Great Resort Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Muirfield Village (Dublin, OH); Mission Hills (Rancho Mirage, CA); Eagle Ridge (Galena, IL); Dorado Beach (Puerto Rico), Banff Springs Hotel Course (Canada). $20.00
Moonlight Development

Grid Start
Racing game that lets you drive a six gear Formula 1 race car over six circuits to race against 23 other cars. Master rapid gear shifts, braking, and acceleration. Power boost option allows for

Entertainment

extra speed when you need it most. Three categories, each with its own championship.
$24.95 *Anco Software USA Inc.*

GRIDIRON!
Football simulation uses digitized audio. Devise and call your own plays. Loaded entirely into RAM and runs in real time with five levels of play. Requires 512K RAM. $39.95
Bethesda Softworks

Gun Shoot
Shoot 12 different criminals; but don't touch the civilians. Includes two player mode and digitized sound. $34.95 *DigiTek Software*

Gunship
Gunship, a combat helicopter simulation, puts the player at the controls of the worlds finest attack helicopter, the U.S. Army's AH-64A Apache. The gunship arsenal boasts Hellfire and Sidewinder Missiles, Folding Fin Aerial Rockets, and a 30mm cannon capable of firing 625 rounds per minute. To make the game challenging for novices and combat simulation experts, Gunship offers a variety of skill and reality levels, mission types and specific mission objectives.
$54.95 *MicroProse Software Inc.*

HardBall II
Sports simulation. Sequel to HardBall! the world's best selling computer baseball game. HardBall II allows you to make coaching decisions based upon players' game performances, as well as historical data.
$44.95 *Accolade*

HardBall!
Baseball simulation lets you play or manage the team. 3-D field perspectives, 6 pitches, left or right-handed. $44.95 *Accolade*

Harley-Davidson: The Road to Sturgis
Jump on your HOG and hit the road to the biggest rally of the year in this adventure/driving combination. Compete in real Harley events, customize your bike and party with the brothers as you improve your biker ranking. A few too many speeding tickets, blown tires and bad decisions could leave you eating dust instead of burning rubber! $39.95 *Mindscape Inc.*

Harpoon
True-to-life simulation puts you in charge of 1988 weapons technology. This graphically stunning wargame pits you, a NATO Task Force Commander, against the Soviet fleet in an intense North Atlantic standoff. Rare full-color graphics of NATO and Soviet subs, surface ships and aircrafts. Novice or expert, you'll be up and running within minutes, delving into intriguing battle scenarios. $49.95 *Three-Sixty*

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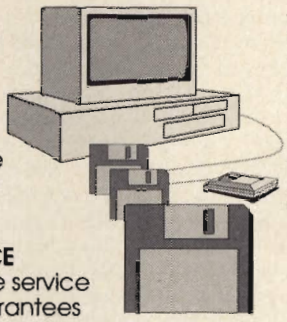

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Mindscape Inc.

Harrier Mission
Land on a carrier, hover, and evade missiles. Shoot the enemy down with a heat-seeking missile or gunnery skills. Avoid being shot and make sure you've got enough fuel to return to the carrier. $24.95
Anco Software USA Inc.

Heat Wave
Offshore superboat racing simulation. Experience the speed and danger of real offshore racing in a 600 HP superboat. Actual races set in Miami, along the Mississippi, Biscayne Bay, and Ft. Lauderdale. $44.95 *Accolade*

Heavy Metal Modern Land Combat
A sophisticated war simulation game that combines the best elements of simulated arcade action and strategy. Each player starts out as a second lieutenant and is able to move up through the ranks based on field performance.
$44.95 *Access Software*

Hex
Graphic strategy game, similar in many ways to the game of chess, except the board consists of hexagons instead of squares. Characters move smoothly across the screen in 16 color animation. Makes exceptional use of the Amiga monitor and mouse. Rules and characters become more challenging as your skill improves.
$39.95 *Mark of the Unicorn*

Highway Hawks
Strategic race car simulation. For experienced drivers only! Two disks. $34.95
Anco Software USA Inc.

Hitchhiker's Guide to the Galaxy
Take the role of Arthur Dent, who must escape

Entertainment

a bulldozed house and a destroyed Earth to travel through the universe in search of... well, whatever he can find. Based on the popular radio program and novels. $14.95 *Infocom*

Hits
Four disk games for the price of one, with color and sound from the original. Games include Goldrunner, Slaygon, Jupiter Probe, and Karate Kid Part II. $34.95 *Microdeal*

Hole-in-One Miniature Golf
From classic holes to the bizarre, DigiTek Software's HOLE-IN-ONE MINIATURE GOLF uses the ease of a special mouse-interface (point and click) to provide fun and excitement for all ages (with as many as 4 players at once!) This two disk set comes complete with four 18-hole courses and a tutorial course for a total of 90 exciting holes. From the traditional windmill to the inside of a pinball machine. Features Multitasking, installable on hard drive, VDO:, in RAM. Score card printout on any Amiga compatible printer. Extra course disks available. Various holes can be viewed from different perspectives. $39.95
DigiTek Software

Hole-in-One Miniature Golf
Extra Course Disk #3
The additional course disk for HOLE-IN-ONE MINIATURE GOLF comes with 3 more breathtaking courses that give you a total of 54 more exciting holes. Fight gravity, magnetism and disappearances in the holes of OUT OF THIS WORLD; enjoy the visually stunning and amazingly realistic holes in HOLIDAYS (a journey through holidays of the year); and have fun with the hilarious and educational holes in ALPHABET SOUP. $19.95 *DigiTek Software*

Hollywood Hijinx
Inherit Uncle Buddy Burbank's Malibu mansion by finding ten treasures hidden throughout the house and grounds. Search through a lifetime's worth of Hollywood memories in your aunt and uncle's collection of movie memorabilia
$14.95 *Infocom*

Hollywood Poker
Strip poker game with digitized female opponents. $34.95 *DigiTek Software*

Hostage
Control a six-person strike team assigned to rescue embassy hostages being held by terrorists in this action/strategy game. Change perspectives instantly with a unique interface. Quick thinking determines which rescuer to maneuver when. TV-news quality graphics and easy-to-use controls create an ultra-realistic experience. $44.95 *Mindscape Inc.*

Hotel Detective + Space Knight (combined package)
Hotel Detective –You are the Hotel detective and you are faced with a serious problem. Your weapon is unlocked, your commission given, and the hotel is mysterious. In which rooms are your enemies hidden, behind which doors is danger or even death lurking? You do not have much time to consider. You must descern your opposite, estimate and react. Don't shoot too fast in the process, otherwise you shoot a harmless hotel guest. Waiting too long could eliminate you. This is no easy mission!. ***Space Knight*** – The Space Knights have a glorious tradition. Their bravery, their courage and their fearlessness to always face their enemies, are known in all galaxies. A Superspaceship is waiting for you. Experience the challenge of an eternal war on a fast spaceglider. A superiority of mutants in nimble high-technologized ships just has one aim –your destruction! You as commander have a long series of brave predecessors – deserve the honor – become a Space Knight. $29.95 *The Euroline Group*

Hoyle's Book Of Games™ Volume One
Learn and practice six popular card games, from Gin Rummy and Old Maid to Hearts, Cribbage and Klondike Solitaire. Sierra's high resolution graphics add to your game enjoyment. You'll enjoy using the highly detailed and realistic playing cards as you test your skills against eighteen opposing players, including many Sierra game characters. Play Hearts with King Quest IV's King Graham or Gin Rummy with Princess Rosella, or Crazy 8's with Roger Wilco, hero of the Space Quest games. Or challenge yourself with a game of Klondike Solitaire. It's a point and click interface, or you can play it with arrow keys, so any small child can get the hang of it! $34.95 *Sierra On-Line, Inc.*

Hybris
You're a pilot of a missile cruiser flying over treacherous enemy territory. Your skill and courage will take you from a minimal scouting ship to an ultra-powerful mega-cruiser. Face attacks from land, sea, and air as you try to earn your silver wings. As commander, you determine which power targets to strike to give your cruiser rapid fire, extra missiles, or even invincibility. Great visuals; game play moves every frame.
$39.95 *Discovery Software International*

Hyperdome
Our newest arcade release from the critically acclaimed author of Foundations Waste.
$34.95 *Scorpion Software*

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One or two player beat 'em up action. Graphics so good, we used nothing but screenshots for the packaging. $34.95 *Scorpion Software*

Ikari Warriors
Explosive war action with a 1 or 2 player option. Official No.1 coin-op conversion.
$39.95 *Keypunch Software*

Impossible Mission II
You must stop the return of Elvin—a scheming madman seeking to take over the world in the twenty-fifth century. Search through eight levels of difficulty for secret-codes that will save the world. $39.95 *EPYX*

Indiana Jones and the Temple of Doom
Fight off Thuggee henchmen, cobras and bats as you attempt to free the imprisoned children in this popular arcade game. Then prepare for a desperate ride on a mine railway, and a battle inside the temple itself. $49.95 *Mindscape Inc.*

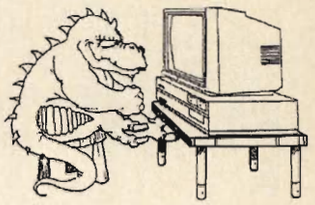
Indiana Jones™ And The Last Crusade – The Graphic Adventure
Join Dr. Indiana Jones on challenging new adventures in his daring quest for The Holy Grail. Try to surpass Indy himself in courage and cunning, and build your I.Q. (Indy Quotient) score. An exciting battle of wits with stunning 3-D graphics, sound effects and movie theme music. $49.95 *LucasFilms Games*

Indiana Jones™ And The Last Crusade – The Action Game
You lash snakes around the gargoyle. As the Nazi searchlight sweeps upward, you swing to the tower window. It takes two-fisted courage and whip-quick reflexes to get Indy past murderous grave robbers, fanatical Nazis, and Medieval mantraps in this classic arcade action game. Whip, punch and dash your way through four levels to score high in excitement. Plenty of non-stop action. $39.95
LucasFilms Games

Indoor Sports
Turn your computer into an electronic game room, with versions of bowling, darts air hockey and Ping-pong. Play against the computer or against a friend. $49.95 *Mindscape Inc.*

Infestation
Infestation takes computer games to a new level of realism by creating a complete environment stunningly rendered in super-fast 3D vector graphics. You are completely free to move within the game world, examining and manipulating objects just as you would in a real world. This mathematically generated game sees the player take over the terrifying role of Kai Solor, agent for the interplanetary Federation. The mission is to eliminate the threat of hostile life-forms.

Entertainment



Travelling to Xelos by interplanetary cruiser, it will be necessary to enter station Alpha II, seek out the alien's eggs and destroy them with cyanide gas. The player is equipped with a sophisticated pressurized body suit complete with a helmet, oxygen pack, battery pack, and cartridge pulse rifle which provides more than just protection. As station Alpha II is spread out over three levels, there are shafts, lifts, ventilation tunnels, radiation areas, network terminals, and blast doors – all of which need to be dealt with if the player is to survive. $39.95
Psygnosis Limited

Infidel
You're a soldier of fortune searching alone in the Egyptian desert for the great secrets of the lost pyramid. Avoid death; meet the ancient Egyptians. $9.95 *Infocom*

Insanity Fight
Battle in space against the evil Death Ship.
$39.95 *Microdeal*

International Soccer
Options for playing soccer put the control in your hands. You determine the challenge, and you call the shots! Control the weather: wet and slippery or the more predictable dry. Try a night game with shadows, or select a game in the wind. Choose midfield players and outfit them in colors of your choice. Half and full time score is displayed on the electronic scoreboard. Fans cheer you on to the World Cup, and onscreen referees ensure fair play. $39.95
Microdeal

Intruder Alert
Intruder Alert is a strategy arcade game. It comes with a construction set, so you can create your own levels. An overhead view featuring a scrolling maze allows for fuller gameplay. One or two people may play simultaneously, battling robots and even each other in a greedy attempt to find the exit and continue the quest. Find the transporter and venture into the next grueling level. Along the way use strategy and the computer terminals to assist in your mission. The game comes complete with an entire array of levels, the game is quite difficult in itself (it is not required to design your own levels, but this feature adds greatly to the games enjoyment). In a techno-world gone mad only you can destroy this complex of robots. Intruder Alert features stunning graphics, animation, digitized sound and more action than you bargained for. 512K Amiga and one drive. (A1000 owners note-Halfbrite recommended) $39.95
Digital Concepts

It Came From The Desert
Lizard Breath, a small California desert community, is in for a giant surprise. For at this very moment, swarms of enormous, radiation-crazed insects are descending upon a tranquil town. To save the community from becoming munchies for a bunch of mutant-sized monsters, the player must convince the townspeople of the imminent danger, locate the creatures, and destroy their nest before the whole town becomes a human picnic basket! Human drama abounds, as the player struggles with blackmailing rivals, land scams, love triangles, and desert cults in the midst of the monsters' rapid approach. The player must survive challenging arcade sequences featuring intense knife fights, frightening games of chicken on the highway, and raging fires, as the endangered desert cooks with violence. Tanks, F-86 Sabre Jets. and even the National Guard arrive for all-out military action as the creatures march toward town. $49.95 *Cinemaware*

Jack Nicklaus Presents
The Major Championship Courses of 1989
Jack Nicklaus Presents The Major Championship Courses of 1989, is the second in a series of golf simulations created in association with Jack Nicklaus Productions. It is an add-on accessory disk exclusively for use with Jack Nicklaus' Greatest 18 Holes of Major Championship Golf and contains simulations of the host courses of this year's U.S. Open, PGA and British Open Championships. With this new add-on accessory disk, computer golfers are provided with simulations of three distinguished courses of this year's championships including Oak Hill, Kemper Lakes, and Royal Troon. Each of the three courses will provide computer golfers with distinct scenery and challenges where they can compete like the pros did during this year's Majors, and perhaps beat the score of the winners. $19.95 *Accolade*

Jack Nicklaus' Greatest 18 Holes of Golf
Players play against a computerized Jack Nicklaus on 18 of his favorite holes or try their hand at two original Nicklaus-designed courses. Play with four people or a variety of computerized men and women. Skins scoring or stroke play; pro, men's or ladies' tees; wind intensity and direction; uphill; downhill.
$49.95 *Accolade*

Jack Nicklaus' International Courses
Three international courses to be played with Jack Nicklaus' Greatest 18 Holes of Major Championship Golf. $19.95 *Accolade*

James Clavell's Shogun
As John Blackthorne, the charismatic lead character in James Clavell's novel, the player enters the 16th century. Blackthorne, an English sea pilot, has embarked on an unchartered route to Japan. Upon reaching land, he is thrust into the upper echelons of feudal Japan society at the moment a political power struggle is erupting between two Japanese regents who aspire to be Shogun. While adapting to this exotic culture, the player befriends one of the regents, Toranaga, and falls in love with the lovely court translator, Mariko. The action of the story revolves around powerful political forces which influence and ultimately control the player's life and the lives of Toranaga and Mariko. Shogun catapults players into a world rich in Japanese history and culture. Shogun's graphics are in traditional, 16th-century Japanese style and are used as text borders and story illustrations. Rewards are given for solved puzzles and successfully handled situations.
$59.95 *Infocom*

Japan Scenery Disk
For subLOGIC flight simulation products. Covers detailed scenery from Tokyo to Osaka. Delightful international adventure. $24.95
subLOGIC Corporation

Jet
F-16/F-18 jet fighter simulator with land and sea-based targets and aerial combat scenarios. Includes multi-player option. $49.95
subLOGIC Corporation

Jetson's
As George Jetson, you face your greatest challenges yet: visiting alien worlds, outwitting hostile tribes of Aborigibots, and trying to hold onto your job. Your son, Elroy, and his faithful dog, Astro, join you to meet these challenges. Jetson's is completely mouse driven, has draggable inventory container windows (things that let you take a peek inside), as well as an optional overhead view and choose-a-path text interaction. $49.95 *Microillusions*

Jigsaw Puzzlemania
Every puzzle is cut into authentic jigsaw shapes. Ideal for all age groups, each puzzle can be played in six different sizes ranging from 4x4 to a challenging 12x12 (144 pieces). Players are timed and wrong moves result in a penalty. Comes with over 10 puzzles and the ability to accept the user's graphics, allowing the creation of personalized puzzles. $29.95
Artworx Software Company

Jigsaw! The Ultimate Electronic Puzzle
Jigsaw! Features dazzling, colorful pictures that are a treat to behold. Choose from 4 levels of difficulty: 60 pieces – the ultimate challenge; 40 pieces – the standard level; 15 pieces – a great level for kids or for anyone who wants to get acquainted with the program or 8 pieces – easiest level, great for children ages 10 and under.
$39.95 *Britannica Software*

Entertainment

Jinks
You are a member of the Planetary Exploration Corps. braving the incredible danger involved with exploring new unknown worlds. Your current assignment takes you to a world called Atavi, whose vast natural resources are desperately needed by mankind. Four computer-guided ships have already been sent on missions, but all were lost. You must fly your scout glider through dangerous conditions while keeping the sensitive anti-grav probe from being destroyed. Your skill as a pilot will be tested to the limit.
$29.95 *Gold Disk*

Jinxter
A hilarious race against time and chance, set in a jinxed land menaced by the impending death of good fortune. Get run over by a bus, smashed against a tunnel by a speeding train, fall two thousand feet into an artificial waterfall, get widdled on, folded, bent and mutilated. But don't forget: every silver lining has a cloud...
$44.95 *Rainbird Software*

Joan of Arc: Siege & The Sword
Joan of Arc: Siege & The Sword offers five exciting action sequences, including large-scale battles in open countryside, hand to hand struggles with individual English soldiers, and perilous assaults on soaring fortress walls as boulders and scalding oil rain down. This history-based game blends action and strategy with a rich storyline. The player takes the role of Charles VII and can raise armies, collect taxes, ransom prisoners and send out spies. Up to 20 game options are possible at every turn! Seventy-three authentic provinces and towns, and 31 historically based characters, each with different strengths and weaknesses, add to the challenge.
$44.95 *Broderbund Software Inc.*

Joe BladeMission:
Rescue six world leaders being held hostage by the leader of an infamous group of terrorists, Crax Bloodfinger. Joe Blade must fight the perils of danger, disarm six bombs before they explode, collect keys to cells, ammo, and food. Great color graphics. $34.95 *DigiTek Software*

Journey
Journey is the premier interactive Role-Play Chronicle for the Commodore Amiga, drawing upon the best features of interactive fiction, role-playing games and traditional fiction, creating games which have both elegantly rich prose and challenging puzzles. Journey is a graphically illustrated world of dwarves, elves, nymphs and wizards in a despairing village that has been enduring great suffering for five years. When all hope begins to fade, a party is sent out on a quest for the revered wisdom of a great wizard, Astrix. As an apprentice food merchant, the player accompanies the party and keeps a diary of their journey. The player shares in the magical adventures of Tag, Praxix, Bergon, Esher, and Minar as they solve puzzles, overcome obstacles and explore unknown lands. Journey players pass into the adventure with ease by simply selecting commands from a menu. Since each character can act on his own, he or she must play the part of a combat strategist, physician, magician and character judge—all while pursuing the defeat of evil which has infested the land. $49.95 *Infocom*

JUG
You are an interactive humanoid composed of Titanium fleximetal and other organic materials. First built in 36412 AD, you were nicknamed JUG because of your barrel chested profile and the ability to transform into many different shapes. Your duty is to seek out the deadly tumor that is destroying the planet Spireaus. Trap doors enable you to move up or down a level. The planet's immune system will see JUG as a hostile and alien body. Beware of attacks from the very planet you are trying to rescue.
$39.95 *Microdeal*

Kampfgruppe
Tactical WWII game featuring all the weapons used on the Russian Front from 1941-1945.
$59.95 *Strategic Simulations Inc.*

Karate Kid Part II
1 or 2 players, joystick or keyboard option, sound and graphics. You must discover the secret of the drum or die! Catch flies with chopsticks and break ice with your bare hand in full-size, animated graphic screens. $39.95
Microdeal

Karate King
Karate combat game with nine different levels, one or two players. Opponent's skill and speed increases with each encounter.$19.95
Constellation Software

Karting Grand Prix Go-cart racing
Players choose the tires they'll use to fit the weather conditions. Eight different tracks.
$24.95 *Anco Software USA Inc.*

Keef The Thief
Keef the Thief is a unique role playing experience that mixes humor with action in an adventure that includes dramatic combat, multi-level spells, and puzzles to solve at every step. And your goal is a simple one: become the absolute ruler of everything and everyone! In Keef the Thief, you're young Keef, a juvenile delinquent out on your own for the first time. You're faced with survival in the Tri-City Area; a vermin-infested continent tangled with thick, steamy jungles. If things aren't bad enough, rumor has it that a supremely evil magician is trying to create the magic necessary to rule the continent. Since you have delusions of grandeur, you set out to beat him to it. Amusing narratives accompany you as you explore the more than 25 complete levels, which are inhabited by over 200 species of drooling monsters that think that thief meat is sweet. $49.95 *Electronic Arts*

Keith Van Eron's Pro Soccer
Keith Van Eron, goalkeeper for the outdoor soccer powerhouse Dallas Tornado and a living MISL legend, played every game of his career on the edge. Keith Van Eron's Pro Soccer gives you the same chance. Featuring a unique, three-dimensional view of the action and players that not only kick the ball, but dive, slide and jump in the air after it. Keith Van Eron's Pro Soccer will provide endless hours of fun, whether you're playing a solitary game, or challenging a group of friends to a World Cup Tournament or grueling MISL season-long schedule. Soccer playing tips(complete with photographs) are provided in the manual. The action awaits.
$34.95 *MicroProse Software, Inc.*

Kenny Dalglish Soccer Match
Kenny Dalglish Soccer Match is great soccer arcade action! Play against a variety of teams all trying to make you as sick as a parrot! Soccer fans will love the hours of fun offered by Kenny Dalglish Soccer Match while the fabulous graphics and gameplay will appeal to all who are young at heart. $34.99 *Impressions*

Kickstart II
Experience all the thrills and spills of dirt bike riding in this all action simulation. Ride your bike over a selection of any of the 24 courses, riding against the computer or a friend and the ever ticking clock. Included is a course designer, so that you can create your own course. Range of track conditions, course designer, mouse control of options, one or two players, super graphics.
$19.99 *Mastertronic International*

Kikugi
The game begins simply by jumping marbles and removing them as you go, but the strategy becomes progressively more intricate. Each move you make limits the number of remaining moves. Load and save games, back-up moves, show all possible moves. If you solve a board, you will be rewarded with some helpful advice from the ancient guru. Fifteen screens of play.
$39.95 *Image Tech*

Kill or Be Killed
Arcade-style war adventure. Lead your troops into enemy territory to rescue soldiers and return them to safety. $39.95 *Teknoware*

King's Quest
Meet Sir Graham and outwit a witch, climb a

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beanstalk, ride an eagle, and battle a dragon. Complete the quest and win the crown.
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King's Quest II: Romancing the Throne
Join King Graham on a search for three magic keys to an enchanted land. Fly on a magic carpet, meet King Neptune and Dracula, and rescue the woman of King Graham's dreams.
$49.95 *Sierra On-Line*

King's Quest III: To Heir Is Human
Help Gwydion break free of an evil wizard. Meet merry sailors, Medusa and the Abominable Snowman. New self-mapped system keeps track of where you've been. $49.95
Sierra On-Line

King's Quest IV: The Perils of Rosella
King's Quest IV will be the first computer game to exploit the new higher graphics resolution of today's machines. A virtual army of artists, musicians and programmer have combined their talents to make King's Quest IV a truly incredible experience. $59.95
Sierra On-Line Inc.

Kingdoms of England
Brings you back to the Medieval days of England. Conquer the land by combining strategy with arcade skill. Features two huge two-player scrolling maps, full screen graphics, swashbuckling sound, and much more.
$49.99 *Incognito Software*

Knight Force
As a son of Krohn the Magnificent, your skills are the powers of a mighty knight, courage of the legendary dragon, and agility of the soaring eagle. After being banished to a remote corner of the Realm of the Dead, seven Sorcerers traveled beyond the Golden River to the time gates. You will find the gates and seal them, annihilate the dreary towers, dens of spells and Sorcerers. Experience twelve levels, progressive weapons, digitized sound and 3D animation.
$44.95 *Titus Software Corp.*

Knights of Legend
Interact with hundreds of colorful residents in Ashtalarea. Undertake 24 different quests and face a wide variety of terrifying foes. Design the weapons and spells that you will use to defeat your challengers. The first fantasy role-playing game to offer a modular design. Over 300 bit-mapped pictures, including 100 character portraits, 90 towns, hamlets and shop illustrations and 32 monster illustrations. Create up to 6 characters and customize weapons and armor, a possible 729 combinations.
$49.95 *Origin Systems Inc.*

L.E.D. Storm
Enter the world of L.E.D. Storm, a world like no other. If you're looking for a yellow brick road, dream on. This is a land of evil robots, rabid wolves, dark tunnels, cars packed with TNT, narrow roads and deep drop-offs. Test yourself and your nerve through 9 challenging stages of realism, on a roadway elevated high above the ground. Synthesized music heightens the drama and the excitement. Pick up energy boosters along the way for extra fuel and to shield you from enemy attack. Don't bother to check the weather map. Dark clouds and storms are moving in fast. $39.95 *Capcom, U.S.A.*

Land of Legends
Interactive dungeon-type adventure game with graphics, strategy and character development. Roam through multiple levels of dungeons, encountering beasts that live there. Become a dungeon master and devise traps and tunnels to trap your friends. Different room sizes, secret passages, hidden doors, stairs, and teleporting areas. Dungeon construction set lets you create new monsters, treasures, magic items, labyrinths and more.$49.95 *Microillusions*

Larry and the Ardies
Avoid the fast-moving Ardies while collecting objects for points on each level. Scrolling backgrounds. One or two players.
$19.95 *Constellation Software*

Last Duel
Journey light years away, if you dare, to two warring planets. Double trouble on a grand cosmic scale. The worlds are anticipating your arrival. Their fate is totally in your hands. Save the queen. Crush the Galden uprise and return control of the planet to its peace-loving inhabitants. The fighting will be fierce, deadly, incredibly fast and furious. You may not survive. Accept this assignment only at extreme risk. Fight your way through 6 increasingly challenging levels of confrontations. Attack 3-headed monsters, aliens with ultra-powerful laser weapons. Blast your way through a mad maze of intrigue, Galden's Route, a black hole where nothing escapes. An extraterrestrial S.O.S has reached Earth. Will you respond?
$39.95 *Capcom, U.S.A.*

Leader Board
Golf game simulation with four irons and a driving range for practice. $44.9 *Access Software*

Leather Goddesses of Phobos
A spoof of 1930's pulp sci-fi. Three levels of play, tame, suggestive, and lewd. Includes male and female playing modes. Save the Earth from domination by the Leather Goddesses of a Martian moon. $14.95 *Infocom*

Leatherneck
Storm the beach to rescue your buddies held captive behind enemy lines. Combat arcade game, 1-4 players. $39.95 *Microdeal*

Legend
Legend is a classic struggle between good and evil. A one or two player strategic fantasy game. Recruit generals, troops, scouts, assassins, thieves. Cast spells, build temples, mines, taverns, and monoliths, all to out-think and out-fight your opponent. $34.95
Scorpion Software

Leisure Suit Larry II:
Looking for Love in Several Wrong Places
Jump on board with the hilarious Larry Laffer as he makes a play for the girl of his dreams. Adult humor. $59.95 *Sierra On-Line*

Leisure Suit Larry in the Land of the Lounge Lizards
Spend a memorable evening on the town with Leisure Suit Larry. Romp through singles bars, hot tubs, mean streets and a blind date nightmare. Communicate in full sentences with 3D animated characters. 900-word dictionary. Adult humor. *$39.95 Sierra On-Line*

Life And Death
You are the surgeon! Talk with your patient, read charts, order x-rays, ultrasound, blood tests and other lab work. Make decisions that determine whether your patient lives or dies. In the operating room, your skill with the scalpel while monitoring on-screen EKG, pulse, blood pressure and other vital signs will determine whether your patient goes to recovery... or the morgue! $49.95 *The Software Toolworks*

Light Division
Two can play modern warfare in the Straits of Hormuz. Battalion level combat between U.S. and Russian/Iranian forces. Paratroopers, helicopters, backfire bombers, the Battleship New Jersey. Designed by Joe Balkoski, award-winning game designer. $40.00
3W Computer Games Inc.

Lightforce
The player controls several different crafts, carrying mirrors, lenses, etc. And must control fireballs of light. Many puzzles must be solved, using prisms, focussing, curved mirrors, etc. A complete optics tutor is also included in this 2-disk package, explaining the rules of light. Both disks over 90% full. Examples, multi-choice questions, etc. complement this 18-level action/strategy game. $39.50 *TSA Media*

Lords of the Rising Sun
Step into the action of Japan's emperor family as

you defeat the Tiara clan and become the Shogun. Survival is the key when battling against samurai armies on a three-screen map of medieval Japan. $49.95 *Cinemaware Corp.*

Lords of War
Lords of War is an arcade-style game for single or multiple players. Defend your castle against your three adversaries and reflect their attempts to pierce your castle wall and reach your inner sanctum while at the same time trying to do the same to your opponents and disgrace their honor. If you can destroy all your enemies then move onto the next conquest, die and be disgraced forever (or at least till the next game). Along the way you can gain magical powers to help in your fight. Each level changes and new obstacles come along to block your attacks. Take too much time and doomsday will occur. Based on a classic arcade game but updated for the Amiga, Lords of War features a large scrolling battle area fully enhanced graphics and digitized sound. $39.95 *Digital Concepts*

Lost Dutchman Mine
Based on a true legend. Journey to the Old West in search of the fabled mine. Buy supplies at the town store, play poker in the saloon, pan for gold or dish in the river and search over 100 caves and mines. Renegade Indians, bandits, snakes and scorching temperatures are a constant threat. Digitized sounds, MIDI music, fabulous graphics. Randomizing feature gives unlimited game variations. $49.95 *Magnetic Images Co.*

Mad Libs by First Byte
Play alone or with a group. Computer adaptation of the popular word game that substitutes your nouns, adjectives, and verbs in a straightforward story. Then the speech synthesizer reads the results. Fun for adults, and educational for children. $19.95 *Electronic Arts*

Magic Johnson's Basketball by Melbourne House
Basketball the way the pros play. Arcade action brings the realism of the big time game home to you in this direct translation of the popular coin-op arcade game. Make the jump shot and of course Magic's fast break with a slam dunk finish. Dribble around your opponent to make the lay up that wins the game! Features arcade quality animated graphics and characters, full-court scrolling screen, two-on-two play and full stats. 512K-$39.99 & 1MEG-$49.99
Virgin Mastertronics
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Major Motion
Race and battle against the dragsters, the Draconian League, in this fast-paced driving game. Watch out for helicopters and motorcycles. Joystick recommended. $39.95 *Microdeal*

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Manhunter: New York
Two years after an invasion, you are forced to hunt down and report human activities to an Evil Alien takeover or choose to be a supporter of the human underground. Includes New York City map, split screen viewing. $49.99 *Sierra On-Line*

Manhunter: San Francisco
A plague of terrifying Orbs has overrun San Francisco, spreading horror, tyranny and death You are their pawn - a manhunter. Hunt your own kind for the alien masters in this thrilling and horrifying adventure game. Risk your life by turning against the Orbs to work for the cause to free humanity. $49.95 *Sierra On-Line, Inc.*

Maniac Mansion®
A hidden panel opens and out falls a tape cassette. This might be the clue that frees Sandy from Dr. Ed's lunatic lobotomy lab! There are 450 entertaining objects to discover in this madcap adventure through the 50 detailed rooms, zany adversaries and off-beat humor of the Maniac Mansion.® No typing-just non-stop point and click fun with your rescue team of colorful characters. $44.95
LucasFilms Games

Maniax
Fast reflexes and strategy will reveal superb city landscapes. $24.95 *Anco Software USA Inc.*

Marble Madness
Six levels of 3D runway mazes with icefields, pipes, slimes, oozes, hoovers, and steelies. $19.95 *Electronic Arts Software Classics*

Master Ninja: Shadow Warrior of Death
Action-packed martial arts simulation set in Japan. Guide your Ninja warrior through the castle of an evil Japanese warlord who has stolen a precious magic sword. Standing in your way: a host of deadly ninja opponents, magic curses, and deadly samurai. $39.95 *Paragon*

Math Odyssey
Math in a puzzle format. Math questions are

Entertainment

asked. You select the answer. When completed, put together a puzzle. Score is kept for the 10 best players. $49.99 *The Other Guys*

MEAN 18
Golf simulation on 3 famous courses, plus 1 home course. Course Architect lets you design or modify an entire course. $44.95
Accolade

Mega Pack #1
Four great games in one box! Includes: Formula 1 Grand Prix, Second Out, Mouse Quest, Stock Market The Game. . . A tremendous value.
$39.95 *StarSoft Development Laboratories*

Metal Gear
Maniacal Colonel Vernon CaTaffy has activated the super weapon of destruction: Metal Gear. Only you have the expertise to seek and destroy it. One player only. Joystick controlled.
$39.95 *Ultra Software Corporation*

Might And Magic II
by New World Computing, Inc.
Embark on a glorious journey to save the world of Cron. Test your ingenuity with over 250 animated monsters. Ninety-six spells, more than 250 weapons and items, two new character classes, hirelings, and 15 secondary skills will aid your cause. Detailed 3-D color windows. Excellent graphics and animated monsters add to the excitement. $59.95 *Electronic Arts*

Mighty Nerd
Try this fast paced action packed game. The user provides the superhero with the superpowers which he uses to thwart the supervillains. Four levels of play each with its own colorful scrolling map. Character Editor allows the player to edit the powers of the superhero. $49.95
ISM Inc.

Mike the Magic Dragon
Held captive in a large castle of ghost, robots, and energy barriers, Mike the Magic Dragon must escape room by room and solve security codes that his magical powers cannot overpower.
$24.95 *Anco Software USA Inc*

Mind-Roll
Unusual tests of dexterity and puzzle solving in this fast-paced arcade game in which the player maneuvers a globe through an array of astral planes. Mind-boggling physical action combined with mind-taxing strategic challenges. 10 different levels to bounce, slide, slalom, and roll through in a race against the clock. Realistic 3-D setting. $29.95 *Epyx*

Mindwalker
Talk about a split-personality. With this program, you're a physics professor gone mad. Your ego has split four ways: A muscleman, a mathematical whiz kid, a fantasy creature and a beautiful water nymph. All four of you must combine your resources to journey through the mind and make it whole again.
$49.95 *Commodore Business Machines, Inc.*

Mission Elevator
You're a Ninja Warrior trying to recover a stolen magic sword. Fight your way through 25 chambers of the warlord's castle. Use your martial arts and weapons to kill the enemy and recover the sword. 64 floors, joystick and/or keyboard controlled. $19.95
Paragon

Mixed-Up Mother Goose
The enchanting Mixed-up Mother Goose takes your child on a wonderful adventure in dreamland where they will help Mother Goose to find her mixed-up rhymes and restore them back to normal. Mother Goose comes with written and visual clues to help your child play the game. Easy-to-use joystick or keyboard controls make playing a snap. Helpful pull-down menus assist children throughout the adventure. Includes a free full-color map of Mother Goose Land. Up to 12 players can save their game, according to their name, to disk. Easy-to-use menus make it simple to play the game, save it, and select options such as a joystick control. Randomly located objects and characters allow your child to enjoy playing this adventure over and over again $29.95
Sierra On-Line Inc.

Moebius: The Orb of Harmony
Combines the features of animated martial arts games with the challenges of fantasy role-playing adventures. $39.95
Origin Systems Inc.

Monopoly
Play the best selling board game of all time with friends or against the computer. Enjoy the thrill and excitement of wheeling and dealing with the added enhancement of computer animation. Acquire and lose great fortunes buying and selling railroads, utilities, and properties of all types. $39.99 *Mastertronic International*

Moonmist
Travel to England to hunt down the phantom and search for treasure in the secret passageways of The Tresyllian Castle. 4 variations, each with a different solution and treasure. $14.95
Infocom

Murder on the Atlantic
You've just set sail for a relaxing journey when a sudden murder calls on you to investigate 40 suspects, 600 shipboard rooms, and search for 22 mystery solving clues. $39.95 *Intracorp*

Muscle Cars
All-American Car Disk for The Duel. The five cars are: 1963 Corvette Sting Ray Split Window Coupe, 1968 Shelby GT500 Mustang, 1967 Pontiac GTO, 1967 Camaro 427, and a 1969 Dodge Charger Daytona. $19.95 *Accolade*

Netherworld
Mystical space journey/action arcade.
$34.95 *MicroProse*

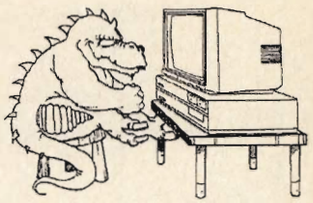
Never Mind
Never Mind is a totally interactive thinking mans animated puzzle which features 300 levels essentially 300 puzzles with a screen unique to each. The object of the exercise is for the player to use the screen character to rebuild a video wall picture which forms pert of the screen by picking up blocks and dropping them into the correct place. After the picture first appears, it is then fragmented - with the pieces dispersed around the screen-before the game begins. In its most simple form, the animated character stands on a block, then presses a fire button which allows the block to be carried to its destination. However it becomes increasingly difficult as the player enters different levels by dropping down a hole to cross a causeway to find himself in the middle of another maze of blocks. As he progresses, the pictures become more complicated and animated, and he must circumvent rogue chess pieces that appear to disrupt the proceeding. All of this must be achieved against the clock, with times set from 30 seconds for the entry level puzzle up to 10 minutes for a multi-island task.
$34.95 *Psygnosis Limited*

NFL DataDisk
Data disk contains player readings for all 28 NFL teams allows you to simulate games between NFL teams on GRIDIRON!. $19.95
Bethesda Softworks

Night Dawn
Arcade/strategic game. 10 levels that are very challenging. Excellent sound effects, and superb graphics. $29.95 *InnerPrise Software*

Ninja Mission
Of all the dangerous tasks given to the Ninja, this was to be the most perilous in their long history. To enter the Temple of Death and regain the glowing idols stolen from the Princess by the Hordes of Darkness would call for all his skills in the art of combat. Ninja does not disobey the word of nobility, however, so taking up his weapons he makes his way to Torii to begin his mission. Joystick and 512K required.
$19.99 *Mastertronic International*

Entertainment



Nord and Bert Couldn't Make Head or Tail of It
Come up with the idioms, homonyms, and other verbal tricks to complete the puzzles in each short story of the town of Punster.
$14.95 *Infocom*

Obliterator
You are the last of the genetically- enhanced fighting machines. Use your bio-engineered abilities to cripple the alien vessel and destroy it.
$39.95 *Psygnosis Limited*

Obsession
An ancient strategy game with 15 levels of play.
$29.95 *Image Tech*

Offshore Warrior
A sport has evolved where powerful boats battle against the elements and their opponents. The warriors fight for victory against each other while trying to survive the dangers of rocks and waves. Throttles at the limit, the warriors struggle to control their boats by jumping waves, avoiding rocks, and firing at their opponents. Can you survive the pressure of a do-or-die situation? Start your engine. $39.95 *Titus Software Corp.*

Omega
Strive to design the future's ultimate military sybertank in Omega. You have been placed as an engineer for the Organization of Strategic Intelligence and your mission is to integrate chassis components and create artificial intelligence in an attempt to build the world's supreme sybertank. Choose from 10 chassis types, 10 drive systems, 8 weapons types, 9 special items and 10 scanner types, then test your design on a simulated field of combat.
$49.95 *Origin Systems Inc.*

Omni-Play™ Basketball
Imagine owning, coaching, and managing your own basketball team and playing some fast action hoops too! Includes SBA League and END VIEW Game Modules allow you to build your own team. Determine playoff structures, season lengths and more. Recruit new players or improve the current roster at training camp. You can even trade players to other teams. Players not only age year after year, but can suffer injuries. Down on the hardwood, you can play too. Pass, shoot, slam dunk, double-team, break backboards, and much more. $49.95
SportTime Computer Software

Omni-Play™ Horse Racing
Omni-Play™ Horse Racing is a two disk set which gives up to four players the chance to test their handicapping skills against each other and up to nineteen computer opponents at the same time. Go for the quick kill by betting on long shots, Triples, Exactas, and Quinellas, or play more conservatively by betting on the favorites to Win, Place or Show. Whatever your strategy, there are plenty of stats available, including the past ten race results of all 128 horses at each track, the Morning-line Odds, payoff displays and post position histories. Jockeys have their own personalities and mood swings. Track conditions can be dirt, grass, or mud. and you can even buy tips from your competitors! Includes digitized sounds. $49.95 *SportTime Computer Software*

One-On-One
Basketball greats Dr. J, and Larry Bird go at it in the number one software sports game of all time. Shoot as accurately as the Birdman. Slam Dunk like the Doctor. All to the wildly cheering crowd at Boston Garden. $19.95 *Electronic Arts*

Oo-Topos
A science-fiction adventure based on the story by Michael Berlyn. You've been captured by space pirates while on an important mission. You must get past the aliens, find your ship and its cargo and escape. (Available for A1000 only.)
$19.95 *Polarware Software*

Operation Counter Strike
Expand your Falcon world into a full campaign with all the extras using this new Mission disk. Your ace pilot skills are about to be put to the ultimate test. Twelve all new missions, set in a new landscape. You'll need a strong strategy, steady nerves and superb maneuvering to survive! Original Falcon disk is required.
$29.95 *Spectrum Holobyte*

Operation Wolf
When terrorists must be stopped, Operation Wolf gets started. This commando-style attack adventure explodes with action from start to finish. In the steamy jungles of South America, heavily armed extremists are holding innocent civilians hostage. The only way to rescue the hostage is to get in, strike hard, and get out, FAST!
$39.95 *Taito Software Inc.*

Operation: Cleanstreets
You are Cleanup Harry, the city's toughest undercover cop. You've been assigned to get rid of the pushers and punks who control the city streets. Outfight your foes every step of the way; punching, kicking, dodging. And your mission's not over until all five levels are cleaned up.
$39.95 *Broderbund Software Inc.*

Orge
Your army must contend with a huge cybernetic tank code-named Orge, which is armed with missiles, guns, and armor plating several feet thick. $29.95 *Origin Systems Inc.*

Oswald
An instant arcade classic for kids, Oswald is an adorable blue bear whose goal is to jump across the floating ice floes, gathering as many gifts as he can along the way. This game features colorful graphics and supports a wide range of digitized sounds. It contains interesting adversaries and humorous animation. It is easy to learn, yet difficult to master. $39.95 *Centaur Software, Inc.*

Out Run by Sega
Take the ride of your life in the home-computer version of Sega's arcade megahit. This baby's sleek, smooth...the fastest thing on four wheels. Floor the gas pedal and let her ride past the beaches of southern France, California's Death Valley, cities, mountains, and vineyards.
$49.95 *Mindscape Inc.*

P.G.A. Championship Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Firestone; South; Pinehurst #2; Oakland Hills; Oakmont; Southern Hills.
$20.00 *Moonlight Development*

P.G.A. Tour Courses I
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Doral Blue Monster, Torrey Pines South, TPC at Sawgrass, Cypress Point, and Indian Wells Bob Hope course.
$20.00 *Moonlight Development*

P.O.W.
Every red-blooded American is sickened by our enemy's injustice toward our men who gave so much for their country. Many of our boys are still over there and you're going to get them out. Armed with your Actionware Phaser (sold separately), you set the strategy to adventure behind enemy lines and shoot your way to our boys and bring 'em home. Also uses mouse.
$39.95 *Actionware*

Paladin
Animated fantasy combat game for one player. The game features 10 character combat squads, multiple level combat, magic, assorted weaponry. The Paladin Package also includes a quest builder so you can build your own quests.
$39.95 *Omnitrend Software Inc.*

Paperboy
Tackle the action-packed job of a paperboy in this arcade. Deliver papers to subscribers (and smash the windows of non-subscribers) as you avoid cars, workmen, cats, lawnmowers and burglars. Then, head out to the Paperboy Training Grounds for bonus points.
$49.95 *Mindscape Inc.*

Entertainment

Parachutes at Kanev
September 1943, WWII, Eastern Front, Germans vs. Russians. Battalion level, featuring first Russian parachute drop—the fog of war. New AI breakthrough—neural networking—the more you play, the better the computer learns your tendencies, making for a very intelligent computer opponent! $40.00
3W Computer Games Inc.

Persecutors
Avoid force fields and alien forces as you navigate your ship through unknown territory. Over 65 levels of arcade-action.
$19.95 *Constellation Software*

Persian Gulf Inferno
Arcade action and role playing . Superb graphics and digitized sound. Excellent story- you must save hostages and disconnect a nuclear bomb on an oil rig. $39.95 *InnerPrise Software*

Phantasm
You're transported to a distant moon from where you can save the earth. To save a part of the earth, you must destroy eight reconstruction installations then redock. $34.95
Scorpion Software

Pioneer Plague
The first Amiga game in HAM mode is a new and exciting space adventure by Bill Willliams. Pioneer Probe Mark IV, the self-replicating, terra-forming, robotic spaceship, has gone out of control! Its original mission was to find suitable planets for the human race, but now you must stop the probe before it destroys all the planets, including the Earth. Four monitors, status instruments, drones and photon missiles guide your way. HAM mode, dazzling graphics, 4096 colors multi-level design and more.
$39.95 *Antic Software*

Pipe Dream
Pit your pipefitting prowess against a surging sea of sewage. Your objective is to build the longest possible continuous pipeline, racing against a stream of chemical fluid called Flooz. Piece together the pipeline from various shapes of pipe, which appear in a random order. There are thirty-six increasingly challenging levels. Play solo, against a friend or team up in a joint battle against the computer. But if you slow down for a second, it's Sludge City! $39.95
LucasFilms Games

Pirates
A 17th-century Caribbean adventure. You're a privateer captain in the thick of the action on the Spanish Main. Challenge your reflexes with simulated sailing, sea and land battles, and swordfights. Experience romance and intrique from more than 50 foreign ports. Price unavailable. *MicroProse Software Inc.*

Planet of Lust
Adult graphics/text adventure game. Sequel to Sex Vixens from Space. $39.95
Free Spirit Software, Inc.

Planetfall
Accompanied by Floyd the mischievous multi-purpose robot, you take the role of a lowly deck-swabber jettisoned onto a mysterious deserted planet. $14.95 *Infocom*

Platoon
A fast-paced action translation from the hit movie. $44.95 *Data East, USA Inc.*

Plundered Hearts
Join Jean Lafond in a dangerous adventure to the 17th century West Indies. Escape pirates, explosives, reefs and crocodiles while avoiding the amorous advances of the pirate captain.
$14.95 *Infocom*

Pocket Rockets
Better watch out! Take a test ride on Pocket Rockets, the high speed motorcycle simulation game. Experience all the thrills and spills of high-speed racing with machines that take you from zero to 60 in under four seconds. Pocket Rockets lets you choose from four of the quickest, most exotic bikes on the planet. The action is as real as the adrenaline you'll feel. $39.95
Capcom, U.S.A.

Poco Man
A strategy game with arcade type sounds and actions. Solve up to 150 different levels. Joystick or keyboard play. Hours of enjoyment while building analytical and problem solving skills. A new concept in Amiga games. $39.95
Designing Minds, Inc.

Poker Solitaire
Play twelve hands of stud poker simultaneously. Strategy game allows two players or one against the clock. Multiple skill levels challenge even the expert. Price unavailable.
Ethos Development Co.

Police Quest
Mature, authentic law enforcement simulation designed by a California Highway Patrol veteran. Manual describes police procedures, crime computer gives court information on suspects.
$49.95 *Sierra On-Line*

Police Quest II
The Vengeance! Police Quest is one of the most original adventure series in computer history, with authentic police regulations to follow and real-life situations to encounter. Police Quest II lets you experience life as a homicide detective, as you track down the escaped convict—The Death Angel! $59.95 *Sierra On-Line Inc.*

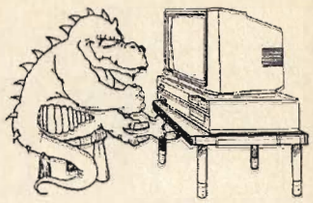
Populous
Earthquakes are serious fun. Deities are the all powerful rulers of the worlds, but two deities in one world is one too many. You give them good land. You tell them when to farm and when to fight. You make them content beyond their wildest dreams. But then they become raging arsonists. What's a deity to do? $49.95
Electronic Arts

Populous: The Promised Lands
Populous: The Promised Lands is an accessory disk that adds five new landscapes to the hit game Populous™. Adding The Wild West, Révolution Française, Blockland, Sillyland or The Bit Plains to Populous™ will virtually give you a whole new game. You'll need to invent new strategies to conquer 500 more worlds, or you can use the lands to build your own worlds to conquer. $14.95 *Electronic Arts*

Powerdrome
3D racing action. Suspended in air, keep your racer from crashing into floor, walls,and roof. Strain to hold a flight line against crushing g-forces and buffeting aerodynamic loads. Push man and machine to the limit-stretch the flight envelope for the fastest lap times. Enter the robopits for engine repairs and body part replacement. Full tune-up facilities. Adjust the airbrakes and flaps, select the best fuel and filters for each planetary atmosphere encountered. Tune your typhoon into a winning machine. When you really cream your machine, the rescue recovery vehicle tows you back into the pits.Travel to five different planets to race in different gravities, atmospheres and climates. Perfect your racing technique on the Oval track before attempting more treacherous courses. Advanced courses test every skill you possess. Featureless straight aways plummet into dimly lit caverns. Sweeping bends curve up towards the sky.Fight for the flag against four aggressive rivals, each with their own strategies and racing styles. Set up a datalink between two computers for head-to-head racing action.$39.95
Electronic Arts

Powerstyx
Battle your way through chomping skulls, perilous scissors, deadly crosses, and heart pounding time restrictions in this action packed game. You as the artist must conquer these obstacles before revealing the final masterpiece, hidden behind each treacherous screen. WINNER OF TWO BEST OF 88 awards.
$34.95 *DigiTek Software*

Entertainment



Prime Time
Tired of watching bad TV? Well now you can do something about it—make it worse. Most unusual, hysterically funny, Prime Time gives players the chance to run a TV network, cancel shows, buy shows, do lunch, and say things like 'Sweetie-Baby-Cookie'. With crystal sharp graphics and animation, digitized speech and sound effects. 'It's all up to you, babe!'
$39.95 *First Row Software Publishing*

Prison
The year is 3033. Criminals are no longer sent to jail, they're sent to a penal colony on the abandoned planet, Altrax. You have been wrongfully convicted of a crime and sent there. Your only hope for life is to find a rumored space pod and escape. Game play and lighting affected by Game Day-Cycle; communicate and interact with other game characters. Requires joystick
$39.95 *Actionware*

Pro Tennis Tour by UBI Soft
In Pro Tennis Tour, you are a professional tennis player, ranked 64th in the world. Your objective is to improve your ranking by participating in major championships such as the Australian Open, French Open at Roland Garros, U.S.Open, and Wimbledon. Each championship event is played on its unique surface, whether it's grass, clay or cement. Pro Tennis Tour has six training programs where you can play either an opponent or against the computer. The on-screen scoring display, realistic sound effects, and two-player option give Pro Tennis Tour the look and feel of an actual tennis game. Improve your service, master your tennis strokes, and enjoy the 3-D instant replay feature of your best shots. $39.95 *Electronic Arts*

Professional Football Simulation
You choose the game strategy and call the play. By utilizing true artificial intelligence routines, the computer uses the probability of the play's success against the defensive formation to determine the outcome. Features include keeping individual stats of leagues, allows modem play, comes with standard playbook contains all the popular offensive and defensive plays. It is fun and simple to learn.
$34.95 *MicroSearch Inc.*

Prospector In The Mazes Of Xor by Logotron
Limited action-packed adventure game with a non-violent theme. Two prospectors, Herb and Pip are trapped in the labyrinths known as the Mazes of Xor. In order to escape, they must collect the 845 blue balloons which are hidden in the mazes before Xor captures them. There are 30 different mazes available, plus an extra 15 that you can create using the maze constructor for a grand total of 45 different mazes and endless hours of enjoyment. $39.95
Eurosoft International Inc.

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Pub Games by Arcadia
Contains the two most popular pub games ever played. Try your luck at Darts and Pool with friends or solo. $34.99 *Electronic Arts*

Puppy Love
Entertainment software package, you adopt a puppy and teach it tricks to perform at a dog show. User creates the routines puppy will perform using beginner level programming. Teaches basic techniques. $29.95
Addison-Wesley Publishing Company

Puzzle Buster
Designed to help the user win puzzle-solving contests. Many features. Demo disk available for $3. Free brochure. $39.95 *Gladstone Productions*

QIX
There is no cure for QIX FEVER! Your mind is your only weapon. The treacherous Qix is a deadly computer virus. In this electrical world of hi-tech infections, you need all the mental dexterity and superior strategy you can muster to escape packs of roving SPARX, SPRITZ, and waves of wandering energy to conquer this force. $39.95 *Taito Software Inc.*

Questron II
As a player you will travel back in time to stop six wicked sorcerers from creating a magic book of evil. $49.95 *Strategic Simulations Inc.*

Quintette
A simple game with complex strategy. Line up five of your own stones, or capture five pairs of your opponent's gems. $39.95
Miles Computing, Inc.

Quizam! by Interstel
Destroy 8 alien satellites by answering strange trivia questions. Over 2000 questions in 16 subject areas, or create your own questions. 8 levels of difficulty. $34.95 *Electronic Arts*

Raider
Maneuver the latest high speed combat craft in a

Entertainment

mission of tortuous death and destruction...hopefully not yours. Pilot your ship through twisting tunnels and caves, over mountains and sea, around asteroids, and more. Twist and turn to avoid the constant pounding of rebel gun batteries, to seek, collect, and destroy!
$29.99 *Impressions*

Rambo III
Get Rambo on your team! As Rambo, the world's most popular and recognizable hero, you stage a daring rescue of Colonel Trautman. Soviet commandos are holding him captive 30 miles over the Afghanistan border. The mission: Get in. Get out. Meanwhile saving the Colonel, bombing the Soviet compound, and using hijacked tanks and choppers to make a run for the border.
$34.95 *Taito Software Inc.*

Rampage
Smash and trash Go ahead get it out of your system, loose your temper, smash a skyscraper, trash a city, have an office building for lunch. Go on a rampage. Includes 1 or 2 player options, choose any of three mischievous monsters to control, 147 different cities to trash. Super colorful graphics and arcade-style animation.
$39.95 *Activision*

Rastan
This arcade epic transports you to the ancient and mythical land of Lograth. Be the invincible war lord, Rastan, and kill off a host of evil Lords, slay deadly dragons and capture life-giving magical powers as you try to defeat the mighty Castle King. Be sure. Be swift. Be brave. You have the power to triumph; use it well.
$39.95 *Taito Software Inc.*

Reach for the Stars, Third Edition, by SSG
Up to four players battle against each other to become rulers of space empires. Your job is to improve the environment and industry by building warships. $39.95
Electronic Arts

Realm of the Warlock
The elders of Ashtron have been kidnapped by an evil warlock; it's up to you to find and free the leaders of the town and defeat the sinister wizard. Expert-level graphic/text adventure. Over 72 hours of game play. Includes text only mode, run from RAM, etc. Price unavailable.
Incognito Software

Rebel Charge At Chickamauga
The Blue and The Gray. Recreation of the two-day battle in 13 turns, each representing 2 hours of real time. The battlefield is shown on a 64 x 54 square-grid map. Offers zoom in for a tactical map and zoom out for strategic playing. Compete against another player or the computer in The Basic Game, Intermediate, or The Advanced Game. $59.95 *Strategic Simulations*

Red Lightning
When Red Lightning strikes, World War III begins. As the Soviet player, your mission is to sweep aside NATO forces and capture the Ruhr. As the NATO commander, you have the more challenging task of repelling the invasion, while maintaining the alliances. Advanced weapons used in modern land and air combat, such as the Soviet T-80 tank and U.S. F-117 Stealth Bomber. We've created a game that takes into account the probable number and makeup of units for each side in the near-future. Three scenarios, five difficulty levels and multiple options challenge the avid wargamer to explore the possible outcomes should World War III erupt.
$59.95 *Strategic Simulations Inc.*

Red Storm Rising
Red Storm Rising focuses on the tactical operations of an American nuclear attack submarine after a crushing invasion of Western Europe by the Warsaw Pact. The player's mission as submarine commander is to locate and destroy Soviet submarines and surface vessels as they leave their base near the Arctic Circle, before they can reach the Atlantic to disrupt the shipping of U.S. men and supplies to the battle front. Based on Tom Clancy's best-selling novel of the same name, the game presents the player with five types of radar and sonar devices, five classes of sub-launched missiles, and three versions of programmable torpedoes. These systems include sonar that can categorize an enemy submarine by the signature of its propeller noise, missiles that fly through the air before plunging through the water to strike submerged submarines, and smart torpedoes that can turn and home in on their own targets. The high-tech gear produces a riveting effect and with all the data and high-tech decisions the player has to make, the pressure of playing cat and mouse with another sophisticated submarine can be awfully intense! $54.95 *MicroProse*

Reel Fish'n by Interstel
How many days can a small business owner take off from the shop with out losing out? Depends on whether his days at the lake are profitable. Join him in this fishing simulation game and spend a sunny day reeling in fish.
$44.95 *Electronic Arts*

Renaissance
Renaissance - the rebirth. Renaissance offers you four different computer games. A unique concept, Renaissance offers two versions of four arcade classics(Invaders, Rockstorm, Megapede and Draxians), providing the purity and familiar addictive playability of old, as well as the great graphics and sound of the present.
$34.99 *Impressions*

Renegade
2 A.M. is no time to be alone in the subway, and you are about to find out why. The blistering fast-paced street style karate action takes place on subway platforms, old shipping piers, and seedy city streets. Defend yourself from multiple attackers and out maneuver the local motorcycle gang. If Big Bertha and her whip wielding friends don't finish you off, the skin heads and their razor knives just might. $34.95
Taito Software Inc.

Return to Atlantis
Novel-sized role-playing adventure in which you work as an agent for The Foundation to complete 14 missions and find Atlantis. Explore over 140,000 locations. Digitized voices, 3D scrolling underwater graphics. Stereo music and sound. Help keys and more. $19.95
Electronic Arts Software Classics

Rick Dangerous
Rick Dangerous combines fast-action arcade adventure with humorous graphics and strange sounds to give gamers an alternative to the fight to the death genre of entertainment software. The hero, armed only with a six-shooter, some dynamite, and a Big Stick, spends most of his time trying to stay alive amidst the chaos and mayhem of a variety of exotic, dangerous locales. Rick fights for his life in four scenarios: an Amazon temple, where Rick must dodge hostile tribesmen; an Egyptian pyramid, where Rick squares off against ruthless assassins; a Nazi prison camp, where Rick fights to free Allied POW's; and a Nazi missile base, where Rick is the last hope of the free world. Each scenario calls for the fast reflexes and the ability to solve puzzles appearing at a moment's notice, and leaving little time to find the answer. $34.95 *MicroProse*

Rick Davis's World Trophy Soccer
The new state-of the-art in sports simulation. Arcade action brings the realism of world class soccer to your home computer in this direct translation of the super high energy coin-op arcade game.Team up with Rick Davis to play soccer better than you've ever played before. Includes real-to-life animation, multidirectional scrolling, accurately simulated free kicks, goal kicks, corner kicks and throw ins. Single or double player simultaneous action.Pass, tackle and shoot your way through the qualifying rounds with the world's best soccer teams!
512K-$39.99 & 1MEG-$49.99 *Virgin Mastertronic*
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Rings Of Medusa
Far away there is a mysterious kingdom where

Entertainment

the land blooms and prospers and life is peaceful. But one day things begin to change. Gradually the people become subject to an evil force. Revolts and wars afflict them, and the once united realm splits into factions. The king discovers that the evil goddess Medusa is attempting to win his subjects into her power. She will stop at nothing to conquer and rule the entire empire with her diabolical armies. You , the young prince, see how your father's once so peaceful realm is being destroyed. Your only thought is to stop the goddess Medusa and reunite the kingdom. Challenge Medusa; find five hidden rings in the kingdom and place them together in the temple of the Athenians. It is your only chance to call Medusa to battle. Your mission is not easy. Only your will for peace and your courage will accompany you.
$49.95 *Star Games*

Ringside
World championship boxing. Fight your way through 10 opponents to the title. Decide your fighter's name, weight, and age; assign strength points to a variety of techniques. Modify the length of rounds and the rest between rounds. Also features a training mode in which you can train your fighter against the computer or another player. Game saves top 10 scores to disk. Super graphics and sound; a must for the boxing fan. One or two player action. $39.95
Microdeal

Risk
It's the classic game of world domination! Challenge your powers of strategic planning in this game of fierce attack and vigilant defense, bold strikes and cunning traps. Victory depends on how you deplay your forces, where you fortify your frontiers, and when you attack your enemies. $39.99 *Mastertronic International*

Road Raider
Battle crazy rebel cars, shoot down armies of slimy mutants and test your skills in demolition derby rings in this action-packed road adventure, created by Chris Gray. Three unique game environments, three increasingly difficult levels and a variety of weapons and add-on car supplies will keep even the most experienced game players challenged. $39.95 *Mindscape Inc.*

Roadwar 2000
Lead a road gang in the year 2000 to locate 8 scientists who can find a cure for the results of bacteriological warfare. $39.95
Strategic Simulations Inc.

Roadwar Europa
Lead a road gang to locate and destroy terrorists in post-doomsday Europe. $9.95
Strategic Simulations Inc.

Roadwars by Arcadia
The Battlesphere. An infinitely maneuverable, ultimately invincible interplanetary tank. Just the thing for clearing the endless space highways circling the moons of the planet Armageddon. Blast attackers. Smash through barricades without a scratch. Take on a friend, or go it alone and become King of the Road! $34.99
Electronic Arts

Robbeary
Arcade adventure features a thieving bear loose in the department store. $24.95
Anco Software USA Inc.

Robocop
A blockbuster film translation recreates the action on the streets of Detroit.
$44.95 *Data East USA, Inc.*

Rock Challenge
So you think you know alot about Rock music? Let Rock Challenge test your knowledge of rock trivia. Thousands of questions from the 50's to today. Compete against family and friends in five different categories. $39.95 *ReadySoft, Inc.*

Rocket Ranger
Experience action, romance, thrills, and spills of the old Saturday morning serials. Action begins with an urgent message from the future...a future that saw the Nazis win WWII. An underground group of scientists in the 21st century risk lives to send you a jet propelled rocket suit, ray gun, and secret decoder wheel. Skillfully used against a cunning and ruthless foe, these devices help you become the superhero that changes history and saves mankind. $49.95
Cinemaware Corp.

Rockford by Arcadia
Let Rockford be your guide on the greatest Archaeological expedition in the world. Search for gold pieces of ancient Pharaohs, the seas of Tiresius, and the Apples of Eternal Youth. Four levels of difficulty. $34.99 *Electronic Arts*

Rogue
One of the great underground adventures. With 26 dangerous levels and one daunting truth: The game is never the same twice. Concentrate on the maze monster just ahead. Or keep your eyes peeled for trap doors and deadly darts. Mission: Descend the Dungeon of Doom, recover The Amulet of Yendor, and make it safely back to level one. Price unavailable. *EPYX*

Romantic Encounters at the Dome
Adult text game set in the sophisticated hi-tech private club called The Dome. Play out different personae: be romantic or reckless, etc.
$39.95 *Microillusions*

Rush 'N Attack
You asked for it, and now you have the chance to rescue groups of POW's held prisoner in the depths of an enemy camp. Try to defeat a fleet of choppers along with guerrilla attacks. Joystick controlled. Features simultaneous play for two players or play against the computer.
$44.95 *Konami Inc.*

RVF Honda
Simulation of formula-like motorbike racing.
$39.95 *MicroProse*

S.D.I.
It is the year 2017. Ruthless KGB fanatics have just staged a coup d'etat inside the Soviet Union. As Sloan McCormick, young general assigned to implement the S.D.I. project, only you can save the United States from thermonuclear destruction. Will you succeed in rescuing Natalya, the beautiful Soviet commander, from a dreaded KGB torture squad? and Will Sloan, single-handedly, destroy a crack Soviet rocket fighter squadron? Pick up a joystick and find out in S.D.I.! $49.95 *Cinemaware Corp.*

Santa Paravia and Fiumaccio
A Kingdom-type game that's a ball for one to six players. The more players, the more intensity. Each player rules a little city-state in 13th century Italy. Every turn is one year and each player must set his taxes, buy and sell grain or land, build cathedrals, palaces, mills and markets. The first state to prosper will rise in rank and the winner becomes King or Queen. $29.95
StarSoft Development Laboratories

Savage
In Savage, the player is a powerful warrior searching for his kidnapped princess. To rescue her, the hero must battle his way through three challenging game scenarios. In the first, the hero beginning with only a battle axe, must survive the evil creatures and unavoidable obstacles within a tunnel-ridden dungeon. Giant dragons, strange, demon-like creatures and other unusual monsters attack the player as he searches for weapons and treasure to continue pursuit of his maiden. In the second level of play, Savage is on foot, racing toward the castle where his princess is held captive. The player must negotiate his way through fast-scrolling screens, avoiding the obstacles that appear without warning to intercept him. In the third and final level of play, the hero telepathically communicates with a magical eagle that flies through a mystical maze seeking to complete the quest. More evil demons, strange creatures and lethal traps appear throughout in an attempt to thwart the final stage of the rescue. Savage is a great diversion from the real world. $34.95
MicroProse

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Entertainment

Scary Mutant Space Aliens from Mars
Illustrated text adventure with a comic twist. Includes digitized graphics and sound, great animation, maps, function keys, quick-click controls, and humorous but challenging puzzles. $39.95 *ReadySoft, Inc.*

Scenery Disk #11
Includes the North-Eastern border of the United States: Detroit, Lake Huron. Incredible variety, from industrial Detroit to beautiful Niagara Falls. $24.95 *subLOGIC Corporation*

Scenery Disk #7
Can be used with Microsoft Flight Simulator to greatly expand the user's flying environment. Features hundreds of miles of coastline, many rivers and roads, railroads, racetracks, and transmitter towers from the East Coast of the USA, in detail from Washington DC down through Key West, Florida. Over 130 airports will challenge the most seasoned Flight Simulator enthusiast. $24.95 *subLOGIC Corporation*

Scrabble
Play Scrabble with friends or against the ultimate opponent, your own computer. Build your vocabulary and strategic abilities by playing through the different skill levels, from beginner to advanced. An ingenious combination of strategy and luck makes this game beloved of word lovers and gamers alike. $39.95 *Mastertronic International*

Seastalker
Underwater adventure in a submarine. Learn to operate the submarine before the research center is attacked by a sea monster. $9.95 *Infocom*

Seven Cities of Gold
Rewrite history as Christopher Columbus in this historic adventure game. From the Software Classics™ library. $19.95 *Electronic Arts Software Classics*

Sex Vixens from Space
Adult graphic adventure game. As Captain Brad Stallion you must locate The Tribe, a colony of beautiful female clones from the planet Mondo who have been raiding the male population. Cruise throughout the galaxy in a one-man vehicle. $39.95 *Free Spirit Software*

Shadow of the Beast
Billed as Psygnosis' Game of the Year, this game features 13 level high speed parallax scrolling, 350 screens, 128 colors on a single screen, 50 frames/second speed, 900K soundtrack and 132 different monsters to delight you. It must be seen to be believed. Packaged with a t-shirt, your FREE gift, featuring the famous Roger Dean artwork. $49.95 *Psygnosis Ltd.*

Shadowgate
Another award-winning graphic adventure from ICOM Simulations. This action begins at the foot of a huge castle filled with menacing creatures, secret passageways, collapsing floors and other surprises. To survive the perils of castle Shadowgate, find the evil Warlock Lord before he summons the Titan Behemoth to destroy the world. $49.95 *Mindscape Inc.*

Shanghai
Strategy tile-matching game based on an ancient Chinese game. Remove the tiles that match the dragon. First player to run out of tiles wins. More complicated than it sounds! $39.95 *Activision*

Sherlock: The Riddle of the Crown Jewels
Take the role of Watson to find the missing crown jewels, using clues given in riddles. Includes sound. $39.95 *Infocom*

Shinobi
Use your Ninja might and magic as you attempt to save the children of the world's leaders from ruthless terrorists in this adaption of the #1 Sega arcade hit. This game takes you through five rescue missions, each ending with a confrontation with the Master Force. $49.95 *Mindscape Inc.*

Shoot 'Em Up Construction Kit
For those people who are certain they can create a shoot 'em up game better than any they've seen at their local software store, Shoot 'Em Up Construction Kit provides them with all the tools to do just that. Three pre-designed games are included on the disk, and game designers can choose to tailor any of these to their own specifications or start from scratch to create an entirely unique game. $19.95 *Accolade*

Shufflepuck Cafe
Shufflepuck Cafe is a simulated air-hockey game that pits the player against nine different opponents, all of whom are regulars at the Shufflepuck Cafe, a seedy saloon reminiscent of the bar in Star Wars. The habitues are a motley crew from throughout the galaxy. They gather here because they love air hockey and this place has the last known game in the universe. Players can challenge any opponent and a droid keeps score on a chalkboard behind the table. Although each opponent has a unique style of play, they are also intelligent; so they're apt to change their tactics as they play. Players who succeed in winning a tournament get to place their names in the Roster of Champions. To keep the game challenging, several game elements are adjustable, including paddle size, bounce, and hit strength. For even more variety, players can change the playing characteristics of DC3-ALSO, the practice droid. Experienced game players will be challenged by the game's diversity and a range of difficulty. $39.95 *Broderbund Software Inc.*

Sideshow
Remember the day the circus came to town? Remember the midway, the freak shows, the popcorn and cotton candy? Well, the fun and excitement is all back with sideshow. Spend the day playing the classic circus games like the balloons, the dunk tank, the haunted house, and more, but use the actionware Light Gun (sold separately) for even more fun. Also uses mouse. $44.95 *Actionware*

Silent Service
Action and strategy. Stalk enemy convoys through the waters of WWII's South Pacific. You make the crucial decisions. $39.95 *MicroProse Software Inc.*

Silpheed
A classic action game that transcends state-of-the-art, Silpheed is Sierra's latest import from Game Arts of Japan, the creators of the bestselling Thexder. Silpheed features advanced animation, visual effects, and a complete soundtrack with nine original music compositions. $34.95 *Sierra On-Line Inc.*

SimCity
The city simulator strategy game. Year 3010: you become mayor and planner of our city. Fully animated with graphics and sound. Features include cars, boats, helicopters, and monsters. Includes 8 cities on the verge of disaster: San Francisco before the earth quake, Tokyo before the monster attack, Boston before the nuclear meltdown. $49.95 *Maxis Software Inc.*

Sinbad and the Throne of the Falcon
You are Sinbad the Sailor, battling dark and mysterious forces in an epic seafaring quest. Get ready for pirates and genies, romance and heartbreak, comedy and tragedy, set in a fantastic universe that begs to be explored. Steel yourself for the ultimate challenge to your skills as swordsman, leader and navigator. The task is formidable, but the lovely princess has begged for your aid. Game features a unique blend of role playing and strategy, combined with dazzling arcade-style sequences. $49.95 *Cinemaware Corp.*

Sky Chase
Two player, jet fighter simulation game. Super fast flight animation, 3-D vector jets, and full stereo sound. Choose from seven different jets. $39.95 *Maxis Software Inc.*

Sky Shark
Strap in for full throttle action! Trapped in enemy territory, you've got to fly your P-40 on a top secret mission through hell. The skies are thick with a deadly rain of armor-piercing artillery fire. They chose you for one reason. You're the best there is. Now you know the score, so aim right and fly tight. The skies are anything but friendly tonight. $34.95 *Taito Software Inc.*

Skyblaster
Fast-paced 3-D air/ground combat simulation. Battle planes and tanks from your helicopter. Solid graphics and extremely challenging, skyblaster will provide hours of entertainment for avid game players. $29.95 *DigiTek Software*

Skyfox
It's you alone in your sophisticated warplane against a skyful of enemy planes. From the Software Classics™ library. $19.95
Electronic Arts Software Classics

Skyfox II: The Cygnus Conflict
Blast through asteroids at 9000 kilometers/second. Reduce enemy fighters to stardust with Photon Pulse Bombs. Dangerous missions put you face-to-face with deadly Xenomorph fighters who fire with no questions asked. Set a course on the overview map and hit autopilot. When you reach your destination, blast the starbase into another galaxy. $19.95
Electronic Arts Software Classics

SLAPSHOT!
Hockey simulation uses digitized audio and team editing capabilities. Includes animated penalty calls and fights. Runs in real time.
$59.95 *Bethesda Softworks*

Slaygon
Save the world from a toxic virus by destroying the Cybordynamics laboratory with your sophisticated military robot, Slaygon. Activate the Slaygon and prepare for the most important mission in the history of humanity.
$39.95 *Microdeal*

Slip Stream
The nine streams of the Slip Stream have been overtaken by an alien race who have infested the planet with various defense space crafts. Each craft is powered by a crystal that lies at the end of each stream. Object: Liberate the nine streams by destroying each power crystal. After disembarking from the mother ship, destroy as much of the landscape and defense crafts as possible. Watch out for barriers!
$24.95 *Microdeal*

Snake Pit
Control a snake through a series of complex mazes. The only way to move on to the next level is to eat all the food scattered within the labyrinth. The problem is that each bit of food causes you to grow or shrink. By the end of the maze, you could be gigantic. Avoid hitting your snake's everchanging body and make your way out of the maze .$34.99 *Incognito Software*

Software Golden Oldies Vol.1
Four great games. Adventure takes you to the depths of the Colossal Cave, where you collect treasure, and try to outwit the perils that lurk in every crevice. Eliza will simulate your conversation with a psychiatrist, and analyze you with unnerving accuracy. In Life, you'll graph new life patterns. And then there's, Pong, the first video game and a true classic. $29.95
The Software Toolworks

Solitaire Royale
Includes eight different variations: Reno, Corners, Golf, Pyramid, 3 Shuffles & a Draw, Klondike, Canfield, and Calculation, Plus three more childrens' games: Concentration, Pairs, and The Wish. $29.95 *Spectrum Holobyte*

Sorcer Lord by DataSoft
You must free the land of Galanore before the Shadow Lord invades and destroys the land.
$34.95 *Electronic Arts*

Sorcerer
Sequel to Enchanter. Rescue your mentor Belboz and defeat the evil demon Jeeaar.
$14.95 *Infocom*

Space Ace
Space Ace continues in the tradition of Dragon's with breath-taking graphics, animation and sound brought to life on the Amiga. Our hero, Ace, is being attacked by the evil commander Borf who has just kidnapped Ace's girlfriend Kimberly. Borf's plans are to take over the Earth by changing everyone into babies using his dreaded weapon....the Infanto Ray. It is your mission to save Earth. Be valiant space warrior, the fate of Earth is in your hands!
$59.95 *ReadySoft Inc.*

Space Battle
Travel through a dense asteroid belt in deep space—a game for one or two players.
$19.95 *Constellation Software*

Space Harrier by Sega
Prepare for the most fantastic space battle ever in the home-computer version of this classic Sega arcade hit. Zoom through a spectacular 3-D landscape as you fight off a myriad of bizarre creatures, including slithering serpents, fearless robots, and eerie stone masks throwing fireballs.
$49.95 *Mindscape Inc.*

The New Force.

T.A.C.L.
The Adventure Construction Language allows you to create commercial-quality adventure games limited only to your imagination. *T.A.C.L.* supports IFF graphics (including HAM), sound, different text styles, vector graphics, and more. $99.95

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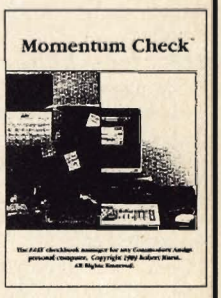

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Space-fantasy spoof featuring Roger Wilco, sanitation engineer turned interstellar swashbuckler who must save his planet against ship-napping Sarians. 3D animated graphics, new windowing system. $49.95
Sierra On-Line

Space Quest II: Vohaul's Revenge
Roger Wilco returns in this Vohaul's Revenge sequel as a space hero trying to defeat the evil scientist, Sludge Vohaul. Colorful animated graphics. $49.95 *Sierra On-Line*

Space Quest III: The Pirates of Pestulon
Once again Wilco is called to battle Pestulon pirates and to save two software authors, The Two Guys from Andromeda, from a shallow life of writing arcade games. $49.95
Sierra- On-Line

Space Racer
Twenty-fifth century racing game. The public's only excitement is the deadly Space Race Tournament. As Earth's champion, you must compete against three planets, three different tracks, and then the finals. Amazing 3D animation! $19.95
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Space Ranger
Run the gauntlet of death across desert jungles and snow plains in the name of Good and Right! As the Galaxy's leading superhero, it is up to you to save the helpless natives of Beta Crucis from the terrible threat of the Mogdanians, the most vicious aliens ever to enter the Earth's Territory. Fast moving, interactive animation
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Space Rogue
Sophisticated 3D space flight simulation and intriguing role-play. Features superb graphics as you maneuver through twisting worm tunnels, turbulent ion storms, and dazzling shard fields. Lock onto streaking cruisers with your plasmatorps, zip through treacherous Malir gates as you seek your fortune as a merchant, pirate or bounty hunter! Includes 90-page novella, reference card, map, and playbook.
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Space School Simulator
The player assumes the role of a student working to graduate from the Academy, a specialized university designed to train an elite corps of skimmer pilots. To graduate, students must complete 20 different missions, developing skills in skimmer design and combat, while learning the differences of each planetary system.
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Space Spuds
3D arcade game designed for use with Haitex' X-Specs 3D Stereoscopic Vision system. Players confront an intergalactic food fight as fat-filled junk food assails their shapeless ship. Colliding with the junk food causes players to gain weight until they explode. Haitex' X-Specs 3D glasses offer a 3D view of the assault. The LCD shutter glasses lug into the second joystick port. The system also allows users to create custom images. Package includes game, X-Specs 3D glasses, Molecule 3D (a display program), D3D (displays static images), and Cubes 3D, a game in which cubes dance right out of the screen. 512K minimum. $124.95 *Haitex Resources*

SpaceAce
An exciting duel in space. Man vs Man (or computer) with 6 ship types, 4 special powers, and tons of options. $24.95 *BoBWARE*

Spacecutter
Blast through fleets of alien spacecraft in search of stargates. Features 3D shaded graphics, sideways scrolling and multi-level gameplay. But you don't have time to marvel at the solid, highly colored graphics or the incredible 3D light source with shadow effects. The skies are filled with lethal spacecraft, flaming asteroid belts, and enemy missiles. Revolve, spin, twist and turn in a sensational feeling of movement and speed.
$29.95 *Rainbird Software*

Spaceport
As the pilot of a prototype spacecopter, you navigate the interior of an asteroid, RENEGADE, to rescue the spaceport. Seek and destroy the enemy. $19.95 *Constellation Software*

Speed Buggy
World beating coin-ops converted for your home computer. Realistic 3D racing track, with your choice of five exceptional courses.
$39.95 *Keypunch Software*

Speedball
Wearing spiked armor bodywear, helmet, and gloves, you'll go face-to-face with some of the meanest goons in the world. Speedball is a total free for all. Choose you own team, collect power-up tokens during gameplay, you can even bribe the officials. Features a complete league system, with 11 teams vying for championship honors. Many strategic options are available-even cheating! $39.95
Cinemaware Corp.

Spellbreaker
Part III of the Enchanter trilogy. You must save your kingdom even as your own powers fade.
$14.95 *Infocom*

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Star Command by SSI
Star Command is an exciting single player game set in the future in the deepest reaches of space. The earth is nothing but a memory, having been destroyed by hostile beings. The player controls a crew of eight star troopers that have been assigned by the Star Command organization to save the remaining inhabitants of the galaxy from pirates and aliens. Characters travel through the galaxy in starships, exploring planets and space stations in search of objects, people and enemies. While exploring indoors, a map is created showing the entire area and all of the items in the area (chairs, tables, control panels, etc.) The player may engage in hand-to-hand or ship-to-ship combat. $49.95 *Electronic Arts*

Star Fleet I:
The War Begins by Interstel
With one of the most powerful fighting cruisers in the universe, protect the Alliance from invading warships. Two dozen commands, sound and animated action, extensive documentation. $54.95 *Electronic Arts*

Star Trek V: The Final Frontier
Become Captain Kirk as you determine the fate of the Enterprise™ in the game true to the excitement, action and character of the Star Trek legend. True 245-color VGA graphics result in photographic-quality renderings of the ship and its crew, and advanced action/adventure gameplay and realistic characterizations produce a challenging experience that will boldly take Star Trek fans-and computer gamers-where they've never gone before. $49.95
Mindscape Inc.

Star Wars
Based on the George Lucas blockbuster, the game pits Luke Skywalker against the Empire's Death Star. $39.95 *Broderbund Software Inc.*

Starcross
Discover the key to the galaxy on a mysterious spaceship in the year 2186. $9.95
Infocom

Starglider
Realistic flight simulation enables you to fly with incredible quickness response time and

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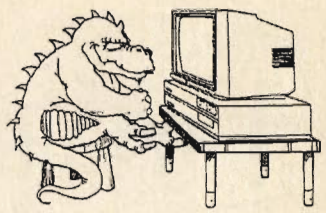

unbeatable ease. Strategic missions with fast and furious action. Starglider brings together the reality of a flight simulator and an action-packed shoot 'em up arcade game. High speed animation and spectacular vector graphics are so outstanding, you'll experience a true feeling of flight. Plus, the fast-paced mission (should you accept it) leads you into battle against a galaxy of blood thirsty aliens. $24.95
Rainbird Software

Starglider II
A superfast space flight game with 3D solid graphics, spectacular sound effects and an amazing array of flying creatures and craft. Your ship is ready with the most sophisticated weapon system. Take the controls and see what you're worth. This long awaited sequel to Starglider incorporates high-speed animation, realistic flight simulation and non-stop action. Dare to continue the ultimate space flight
$44.95 *Rainbird Software*

Starships 2050
Starships 2050 is a three disk set of professionally sculpted 3-D models including starships, moonbases, fighters, satellites, and more. The set also includes a full disk of digitized NASA photographs for use as backgrounds. Designed for use with other modeling and animation software, this set contains completed 3-D models for creating high quality images and animations. These intricately crafted models are constructed in fine detail with face color and textures for optimal detail and rendering time. With this set one could compose animations of intergalactic exploration using the deep space probes or space colonies, or create interstellar wars using the starships or star fighters. They can be used by the professional as logos or special effects in videos. This set is designed for the weekend animator as well as professional.
$49.95 *Polar Arts Software*

Stationfall
Sequel to Planetfall. A dull assignment becomes an exciting adventure when you meet your old buddy Floyd and find the space station nearly deserted, except for an alien ship, an ostrich, and a balloon creature. $14.95 *Infocom*

Stellar Conflict
Time is running out on the world. As emperor of the world, you must build up and deploy a fleet of starships to conquer the galaxy planet by planet. $39.95 *OXXI, Inc.*

Stellar Crusade by SSI
Stellar Crusade is an exciting strategy game of exploration, economic power, and military conquest on an interstellar scale. Two fanatical groups embark on a mad race to control a small, but vital star cluster. As the leader of one faction, your task is to send out exploration teams to grab the best planets in the star cluster and colonize them. Next, you must build up your economic strength to prepare for war. This entails allocating raw materials and production points to build shipyards and maintenance facilities; train and supply troops, engage in research and development; establish farms, mines, refineries and factories. To win a star war, you need starships. Design your own and equip them with a host of offensive and defensive weapons. There are seven different scenarios with multiple levels of difficulty: three short, three medium, and one long campaign that spans decades.
$54.95 *Electronic Arts*

Street Fighter
Do battle in the back alleys of the Big Apple. In the shadow of ancient Chinese temples. In not-so-jolly old England. And win the grudging respect of eight of the toughest, meanest street fighters on the planet. Forget all the rules. This is strictly survival of the fittest. You'll need power, speed, and plenty of street smarts. Watch out for Geki and his Ninja weapons, Birdie's lethal head butt, and the flying scissors kick of Gen. You've got a few tricks up your karate sleeve; a martial arts arsenal that includes hurricane kicks and dragon punches. Don't hold back for even an instant. No holds barred, best two out of three competition. Fight in England, China, Japan or the U.S. $39.95 *Capcom, U.S.A.*

Street Sports Basketball
Realistic, street-rules basketball, with teammates recruited from all around the neighborhood. Recruit your 3-man team and set up their shots. Rebound off a chain-link fence, dribble on the grass. $39.95 *EPYX*

Strip Poker II
Settle in for an evening of sizzling strip poker with Susie and Melissa, each with their own style of play. The more chips you win the better it gets.
$39.95 *Artworx Software Company*

Stryx
Stryx has been designed to have the smallest animated characters without losing detailed definition, so creating the maximum playfield on screen at once. With members of the cast around two-thirds of the size of those found in Barbarian, Stryx is able to feature a substantial number on screen at any one time. Involving three distinct graphical levels and eight way scrolling, the action-packed strategy game sees the warrior hero Stryx in a fight to the death against Cyborg robots hell bent on destroying their human masters. Half-man, half robot himself, Stryx faces the ultimate challenge of recapturing from the Cyborgs the keys to the lifeforce, the fail-safe extermination system developed to prevent such a machine uprising. Only by solving the graphical puzzle can he deactivate the robotic assassins who are wandering the Dome Cities seeking out human life ruthlessly destroying it.
$34.95 *Psygnosis Limited*

Sub Battle Simulator
World War II simulation. Patrol over 20,000 nautical miles as you perform over 60 different missions including seek-and-destroy, rendezvous, and much more. Use any one of 6 American or German subs. $39.95 *EPYX*

Summer Challenge:
World Class Competition
Get ready for record-setting excitement as you compete in five events that test your skill and experience. En Guarde: suddenly there is a point to Fencing. stretch to the limit as you vault the Hurdles. Hit your mark in the High Dive. Push yourself that extra inch in the Triple Jump. Then take aim and shoot for the gold in Skeet Shooting. Features exciting graphics and animation, multiple-player options of one to six, and realistic game play and scoring.
$14.95 *Thunder Mountain*

Super Hang-On
Nobody can resist the pure temptation to go just a little faster or push a little harder. In this outstanding arcade translation we do just that, we put the gamer on the edge and challenge them to live there. Enjoy fast paced motorcycle racing action, where riders race on four different continents, each representing different levels of skill and difficulty. True to life animations of bike and rider. Full screen track representation. Turbo mode gives the true feeling of speed, and responsive acceleration to enhance playability and excitement. Nothing can compare to the feeling of anticipation and power as man and machine perform. $44.95 *Data East USA, Inc.*

Super Huey
Helicopter flight simulator, explore unknown territory and map the terrain. Combat using rockets and machine guns to defend a secret desert installation from unknown hostile forces. Your assignment is to locate and attempt pick up of stranded military personnel, while learning the techniques of flying and familiarization of instruments. Joystick recommended.
$14.95 *Cosmi Corp.*

Super Puzzle
Contains 90 jigsaw puzzles ranging in difficulty from pre-school to adult. Try 18 different pictures with number of puzzle pieces up to 256. Tracks number of correct moves, total tries, and total playing time. $19.95
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Entertainment

Super Puzzle Data Disk
Compressed. Automated decompression results in two or more puzzle disks. Data disk #1: Original 32 color graphics and speech for 18 nursery rhymes. Data Disk#2: 18 animals and famous places. Requires original Super Puzzle. Mail order only. $15.00 *Signs Etc. by D. Knox*

Superleague Soccer
In Superleague Soccer you manage a first division team right from the start; but your fans demand success-fail, and you are out! As manager, you must buy and sell players, negotiating for contracts, train reserves and pick your team. But at the end of the day it's the match that counts and thats where Superleague Soccer really comes into its own! A revolutionary new control system enables you to control all your players in every match, unlike any other soccer management game. $34.99 *Impressions*

Superstar Ice Hockey
Sharp graphics and realistic play put you into the middle of the action of this sports simulation. Make the trades, recruit players from the minors, conduct training camps, make line changes, call strategies, and compete against your opponents in this multi-dimensional game. You act as player, coach, and manager. $49.95
Mindscape Inc.

Suspect
You're framed for murder at an elegant masquerade ball. Use all your skills to prove your innocence. $14.95 *Infocom*

Suspended
From a cryogenic capsule, repair your home underground capsule by commanding six robots. $9.95 *Infocom*

Sword of Sodan
Action packed adventure. You take the part of one of the mighty twins, Sodan or Sodanna, who must rescue their parents trapped inside the evil castle Cragganmoor. Great animation of forests, graveyards, and characters who stand almost 2/3 screen size. Players direct character's actions as he or she jumps over obstacles, fights sword battles, and negotiates treacherous castle corridors. 11 exciting levels in all—using 4 MB of graphics and sound. $49.95
Discovery Software International

Swords of Twilight
The Multi-player feature in Swords of Twilight provides a dynamic, non-turn-oriented environment which allows up to 3 players to independently control their own hero or heroine at once. You can cooperate together, defend one another, or backstab each other. Just like real life. Eight parallel worlds connected by a magical Rainbow Road, guarded by fire breathing dragons. Lands with times and tides and beings with attitudes and appetites. Your sword must be quick but hacking and slashing won't make you many friends. All characters (and there are over 30) have their own memories, personalities, histories, and appetites that affect how they act, react and interact. Seek the banes of the evil Shadowlords. Yet defeating their minions of wraiths, skeletons and ruffians is only a task for the most cunning. This is one of the few Role Playing Games with real time action and animation that allows you to see and feel the action as it developes, not just read about it, and because of the multi-player capabilities, you don't have to wait for a turn. $49.95
Electronic Arts

T.A.C.L.
Written by Alternate Realities, T.A.C.L. (The Adventure Construction Language) is a full-featured text/graphics adventure language that allows you to unleash your creativity. T.A.C.L. is a programming language that allows anyone—from a novice to an experienced programmer—to construct their own commercial-quality adventure games. T.A.C.L. supports all IFF graphics (including HAM), sound, a wide variety of text styles, and vector graphics (drawn with VGED, which is also included). Unlimited rooms and objects are available. Your only limit is your imagination. Includes freely redistributable play module. $ 99.95 *Micro Momentum, Inc.*
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Table Tennis Simulation
Table Tennis Simulation features realistic game play and graphics, just like a real table tennis match. Play single and doubles games where you can play as a team, against a partner or against the computer. All table tennis techniques possible including Block, Straight Stroke, Topspin, Slice, high serves, and net attacks. Choice of different paddle covers and styles of play, as well as polished, colorful graphics. $34.95
Star Games

Talespin
Talespin is a package which combines drawings, texts, and sounds into a series of pictures to form an interactive adventure game $49.95
Microdeal

Tangled Tales
Cast in the role of a wizard's apprentice, the player is given three progressively difficult tasks to accomplish as proof of their wizardly worthiness. Before long, discover an outlandish world that includes haunted houses, medieval fortresses and contemporary county farms. From a few hours to a few days of time-tripping fun and excitement. Travel through time, across continents-even use a magic carpet!
$29.95 *Origin Systems Inc.*

Tanglewood
Control five mining mobiles, each with its own programs and data. Search the planet Tanglewood for the priceless 3D crystals. Problem solving in real-time, with over 1,200 locations to visit. Mouse-controlled, no text entry. Success depends on your problem solving and dexterity. $39.95 *Microdeal*

Tank Attack
Up to four players may take the role of the commanding General of a country's Tank Corps with an objective to capture the enemy headquarters. The computer issues all movement orders, battle results, the status of each unit and a daily newspaper which gives a full report. Players form allies before war is declared. $29.95
Artworx Software Company

Targhan
Targhan is a strategy-action adventure about the barbarian Targhan who goes out to fight The Evil One to free his village and revenge his father's death. This game features the most advanced graphics possible with huge, massive animated characters and superb sound effects. It comes as close to an arcade game as the gamer wants it to be. The game play features a very involved and deep game plot, 40 different characters (some enormous and all detailed). 120 different landscapes, excellent animation and beautifully drawn graphics as well as excellent, digitized sound effects and a wonderful sound track. Targhan is probably the most stunning game you will ever play! $39.95 *Star Games*

Targis
Targis is our best agent. He must infiltrate the enemy's hideout and retrieve top secret stolen parts. Over 200 levels (the Level Editor allow infinite levels). Users can change all game graphics and animation with the program supplied on game disk. Written in 68000 assembler. $39.99 *Incognito Software*

Technocop
The only game that mixes the pulse-racing thrill of cops and robbers with the mind-blowing technology of tomorrow. A great combination of high-speed car chases and detective crime busting. The V-Max racer, high-tech weaponry, and 11 levels of difficulty provides hours of riveting fun. $49.95 *Epyx*

Teenage Mutant Ninja Turtles
Team up with these heroes on a halfshell, armed with wacko bombs and armed blimps, as you fight off the Evil Foot Clan. Joystick controlled.

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Entertainment

For one player. $39.95
Ultra Software Corporation

TeleEpic
The medieval version of the ultimate strategy war game. Instead of commanding tanks and artillery, you lead a band of heroes waging war against your mortal foe. Test your skills wielding a mighty axe or sword. Throw a dagger or check your accuracy as an archer. $39.95
Software Terminal

TeleGames
Like all our 'Tele' products, TeleGames provides the enjoyment of competition without the problem of where to play. Competition is enhanced with smooth 3D perspective graphic animation and digitized sound effects. Players may compete on one computer or 'TeleConnect' via modem. $34.95 *Software Terminal*

TeleWar
Strategy war game for two players at one computer or over the telephone. Destroy the opponent's headquarters. $39.95
Software Terminal

Telewar II
The Ultimate War Game Revisited with new terrains and enhanced game play features. Experience the ecstasy of blasting your best friend to rubble or disintegrating someone you don't even know. Watch out! You may be the next casualty peering out of a twisted pile of smoldering steel. $39.95 *Software Terminal*

Temple of Apshai Trilogy
Explore Apshai, beneath the Sahara. Nearly 600 dungeons and other dark places to explore as you adventure through 12 levels of mazes, monsters, and magic to mythical Egypt. Includes 80-page book of Apshai lore. $19.95 *EPYX*

Terrorpods
As the sun disappears over the horizon, the uninviting, gray bleakness of Colian becomes apparent and the onset of night adds the bitterness of sub zero temperatures. Suddenly a shrilling siren, the status panel has gone crazy. Frantically, you attempt to decipher what has happened. You're whole being freezes...It can't be! The Terrorpods $39.95
Psygnosis Limited

Test Drive
Driving simulation lets you drive one of 5 sports cars. Game ends early if you drive too slowly, go off the road, or get pulled over.
$19.95 *Accolade*

Tetra Quest
Before the first galactic games can start, you must recover the stolen 6 Phoenix Tablets. They've been stolen by the Tetroids, who weren't invited to participate. If you can recover the Tablets, Phoebus, the sun god will make you a Phoenix and you'll soar above the four-level world. Space Age action. $39.95 *Microdeal*

Tetris
Requires fast thinking and quick reflexes. A variety of shapes descend from the top of the screen, player manipulates shapes into position to form solid rows. Challange and speed increase at higher levels. $34.95
Spectrum Holobyte

The American Civil War: Scenario Disk One
Designed for use with The Universal Military Simulator, recreate the legendary struggles of The American Civil War on three-dimensional, contoured landscapes. Design your own maps, order of battles and objectives, or reenact the three memorable battles—Shiloh, Chattanooga and Antietam—as they were. $19.95
Rainbird Software

The Android Decision by DataSoft
Take control in this sci-fi strategy while two cities battle for power. Each city produces robots that are capable of diverse roles. $34.95
Electronic Arts

The Art of Chess
Play against the computer or a challenger in this advanced chess game. Includes tournament-style chess clocks, mouse control, adjustable play style and level, and onscreen performance meter. Help is available through the hint option and voice or text cues. $34.95
Anco Software USA Inc.

The Bard's Tale
Let the Bard use his magical talent to help you defeat Mangar, the evil scourge of Skara Brae. Sound effects, music, over 85 spells.
$19.95 *Electronic Arts*

The Bard's Tale II: The Destiny Knight
A new Bard story with a new villain—the Archmage. More dungeons, clues, monsters, wilderness, and more. $59.95
Electronic Arts

The Black Cauldron
Based on the popular Walt Disney movie. Several game solutions, music, and 3-D color graphics.
$39.95 *Sierra On-Line*

The Blue Angels
The Blue Angels flight simulator gives you view from the cockpit of a Blue Angel fighter jet. Perform the same maneuvers as the real Blue Angels. $44.95 *Accolade*

The Chessmaster 2000
Library of over 71000 moves, boasting 12 different levels of play from Newcomer to Grandmaster, including Teach and Hint. Players can play against the Chessmaster or select the Two People mode and have the program referee. It allows players to take back moves, show captured pieces, print games, replay games, solve problems, or watch great matches from the library. Complete with booklet.
$44.95 *The Software Toolworks*

The Chessmaster 2100
A fine and powerful chess program. Over ten years of man work has gone into its creation. New features include: War Room mode, views total board, captured pieces, thinking window. Joystick, mouse, or keyboard control.
$49.95 *The Software Toolworks*

The Colony
Enter The Colony and embark on an adventure so real and so unique that you melt into the environment. Players become the space marshal who must explore a six-level colony to rescue survivors from a planet overrun by aliens. Combining action, strategy and the most advanced 3-D algorithms in home computing gaming, this is the adventure game that captures science fiction at its best. $49.95
Mindscape, Inc.

The Crimson Crown
In this sequel to Transylvania, return and rid the kingdom of the evil Vampire! Princess Sabrina and Prince Erik accompany you on this quest to find the vampire and recover the magical crown. (Available for A1000 only.) $19.95
Polarware Software

The Crossword Creator V1.1
Version 1.1 allows you to design, save, and print your own crossword puzzles. Fast 87,OOO word pattern matching dictionary. $49.95
Polyglot Software

The Cycles
Motorcycle racing simulation. Includes the actual international Grand Prix courses, three performance classes, and five different skill levels. You compete against nine world-class Grand Prix riders. $44.95 *Accolade*

The Duel: Test Drive II
Racing simulation. Head-to-head racing with the world's two fastest (200 mph.) production cars: The Porche 959 vs. the Ferrari F40.
$44.95 *Accolade*

The Enigma Device-A Game of Cryptograms
A traditional word game of cryptograms based on Hitler's infamous WW II German secret code

Entertainment

machine named the Enigma Device. Up to twenty players at a time solve word puzzles (simple substitution ciphers.) The game tracks performance histories of all twenty players for solo, family, or group fun. Users can create their own cryptogram puzzles, entered from newspapers, magazines, and other sources, for use in the game. Over 1000 cryptograms are included on disk. Choose from many interesting categories including Quotations, Rhymes, Murphy's Laws, Definitions, Wisdom, Proverbs, and Great Thoughts, etc. Cheat button allows one clue per cipher. Comprehensive manual provides extensive help tables. $39.95
King Publishing

The Games: Winter Edition
Find yourself smack in the middle of seven exciting Olympic events. From the adrenaline rush of the downhill skiing to the poetic beauty of figure skating. Players can change points-of-view from one event to the next. Compete against friends or the computer. Designed after the Calgary '88 Games. $39.95 *EPYX*

The Golden Pyramid
A game show for the Amiga, complete with talking host. Up to five players. Software that entertains you! $13.95 *Micro Entertainment*

The Guild of Thieves
Back in the unreal country of Kerovnia, you might find yourself ditched on a remote jetty by the Guildmaster, or that he expects you to ransack a well guarded mansion, or go grave-robbing, potholing, or maybe—if they're really doubtful of your abilities—everything at once! One hint: don't try any funny stuff, the Guildmaster has seen it all before.
$44.95 *Rainbird Software*

The Honeymooners
Role play based on "The Honeymooners" TV series. $39.95
First Row Software Publishing

The Hunt for Red October
Submarine combat simulation based on the bestseller by Tom Clancy. Guide your Soviet nuclear submarine to the United States to defect. Uses mouse or joystick; scrolling message window gives time updates. $49.95
Datasoft

The Island of Lost Hope
Island of Lost Hope is a graphic adventure game with a multiple word parser, full keyboard and mouse interface, and an impressive array of graphics, animation and sound. You are a young captain trying to find the lost treasure of The Forgotten Souls, but ambushed by a band of cut-throat pirates, led by the infamous Captain Black, your ship was sent to the bottom of the ocean and crew lost, you are washed ashore on a tiny islet and left to die. Now you have nothing but your cunning to complete your quest. Along the way you face numerous obstacles and perils, including blood thirsty pirates, giant rats, and snakes, all leading to your final showdown with Captain Black. Two disk set. 512K Amiga one disk drive. Recommended for 1 Meg. (A1000 owners note - Half-brite recommended)
$39.95 *Digital Concepts*

The Killing Game
Set in an alien solar system where all violence has been eradicated the hottest inter-planet TV game show is, The Killing Game. In this game competitors are selected from each planet and have to negotiate the defenses on opposing planets. These play areas are all based inside cylindrical arenas which are slowly filling with water. The object being simply to reach the exit at the top of each cylinder without being destroyed. The player will take the part of a competitor from one of the planets involved. They will travel between the various worlds taking the challenge of the natural terrain of each planet. The arenas will vary from planet to planet. Some will be made of Caverns, Roman Temples, Organic Materials, and other forms. There will be eight planets, and three cylinders on each planet making twenty four levels in all.
$34.95 *Psygnosis Limited*

The King of Chicago
Chicago in the '30s. Prohibition, power struggles, and rampant crime. Only the toughest of the tough survive. Capone used to call the shots. But Big Al was sent up the river and Chicago is up for grabs. Violence, intimidation, bribery, and treachery are your weapons as you play the role of Pinky Callahan, an ambitious hood on the make. You'll lead the Northside gang against the forces of the legendary Capone mob in a deadly battle for control of the Windy City.
$49.95 *Cinemaware Corp.*

The Kristal
Become Dancis Frake, swashbuckling space pirate, in this epic quest to find the fabled Kristal of Konos and return it to its rightful resting place. Battle ruthless villains, woo a beautiful princess, and interact with strange alien life forms. Based upon an original play, The Kristal features incredibly lifelike animation. Huge multi-disk universe and addictively clever traps and puzzles. $49.95 *Cinemaware Corp.*

The Last Inca
The evil wizard Zulphosi was held captive under the rule of the three wizards from the new islands. After the last real wizard there died, he managed to escape. He now seeks revenge against the Inca people for their allegiance to the three wizards. Will you be the one to challenge Zulphosi? $39.95
Free Spirit Software

The Lurking Horror
Explore the nether regions in the basements and storage rooms of G.U.E. Tech. Confront shapes, sounds, unique characters, and horrifying sights as you solve the challenging puzzles of the dreaded horror below. $14.95 *Infocom*

The Pawn
Set in the mythical world of Kerovnia, the Pawn represents all its characters and objects as if they existed in a real world. Your objectives are many, but the simplest is to escape from Kerovnia. You'll find others as you wander about the land and communicate with the characters you meet. Stunning color graphics. $24.95
Rainbird Software

The President is Missing
Terrorists have taken another hostage. Only, this time, it's the President of the United States and several other members of a top-secret economic summit. Your job: find them! Includes 30 minute audio cassette with kidnapper's demands and mystery clues. Foil this diabolical plot!
$39.95 *Cosmi Corp.*

The Remarkable Talking Super Puzzle
Preschool to adult. 90 possible jig-saw type puzzles with 18 pictures. 5 levels: 4 pieces to 256 pieces. Lower levels feature spoken introduction and instructions. Based on principles of behavioral psychology with compliments and rewards. Player options for picture, level, menu, music, slideshow, and various screen manipulations for the curious. $19.95
Signs Etc. by D. Knox

The Rubicon Alliance by DataSoft
Tranquility prospers in Hyturian until the pirate planet, Nono, stealthily slips through the outer fringes of the Rubicon, raiding solar shipping, destroying outposts. As starfighter commander Hawkins, you have been ordered to find Nono before it destroys the alliance. You are required to complete eight difficult missions, each with a specific goal and time limit. The 3D holocube, vital to your quest will assist you in charting planet and revealing the flight of enemy craft.
$29.95 *Electronic Arts*

The Scrolls of Talmouth
First in a series of quest disks for Paladin, the animated fantasy game. Each quest disk includes 16 games, all linked into one grand quest. Mages, swordsmen, rangers and thieves will put you to some difficult tests on your path to knighthood.
$24.95 *Omnitrend Software Inc.*

Entertainment

The Seryachi Campaign
First in a series of combat scenario disks. Each disk includes 16 scenarios—all set within a self-consistent network. Whether you're fresh out of bootcamp or a veteran STAR leader, these campaigns will give you a chance to test your mettle against a challenging set of opponents and conditions. $24.95
Omnitrend Software Inc.

The Supercars
Add on car disk for The Duel which along with California Challenge allows you to create your own combinations of landscapes and high performance cars. $19.95 *Accolade*

The Tarot Master
The Tarot Master is the first animated fortune telling program for the Amiga. Users may receive three or ten card readings for any question they choose to ask of the mystic Tarot. The Tarot Master also instructs users in becoming Tarot readers. Three and ten card spread readings as well as all seventy-eight card definitions are taught to those who wish to see the future. The Tarot comes to life with exciting animation sequences for all twenty-two Major Arcana cards. Each animation is designed to impart the meaning of each card into the user's memory.
$29.95 *Empire Graphics*

The Three Stooges
Join the zany masters of mirth as they try to save the local orphanage from the clutches of the evil banker who wants to foreclose. Rescue the old lady and her three beautiful daughters. Situation and digitized voices and sound effects from classic stooges films. Eye-popping graphics and animation. You'll feel like you're starring in the original Stooges movies. $49.95
Cinemaware Corp.

The Twilight Zone
You're traveling in another dimension. Not only of sight and sound, but of mind. Where shadows of reality mix with images of nightmares...There's a signpost up ahead...The next stop...The Twilight Zone. Participate in several stories that, at first, may seem unrelated, but eventually weave themselves into a single complex plot
$39.95 *First Row Software Publishing*

The Universal Military Simulator
Reenact ancient battles of classic history. Make each conflict come to life on three-dimensional contoured landscapes. Pre-programmed historical battles include Gettysburg, Hastings, Marston Moor and Waterloo. View from any angle, go from an overview or zoom in to an individual unit. Design your own maps on a unique three-dimensional grid system. Create your own orders of battles and objectives using a powerful built-in editor. $49.95
Rainbird Software

Their Finest Hour: The Battle Of Britain
During the summer of 1940, wave after wave of German fighters and bombers pummeled RAF bases in Southern England. Now you can capture the aerial heroics on both sides of the conflict. Fly Spitfires, Hurricanes, Messerschmitts, and German bombers in 3-D air combat so real you can almost feel the gunfire. See exciting replays of your combat exploits from any angle in real-time or freeze-frame. You can even save them on disk. Includes photo packed 180 page manual. A fitting tribute to the 50th anniversary to the Battle of Britain. $59.95 *LucasFilms Games*

Thexder
Pilot your armored robot through caves, cargo holds, and spaceship interiors. Transform Thexder into a jet. Over 20 kinds of aliens, hi-res artwork, synchronized soundtrack.
$34.95 *Sierra On-Line*

Thud-Ridge
You lead Wild Weasel in a modified Thud, and F105 Thunderchief. Only one thing stands between you and Hanoi-Thud Ridge—40 miles of rolling terrain leading straight downtown. Being a Thud Driver demands nerve, skill, and raw courage. Master the 10 actual missions. If you've got the guts, this is your game.
$44.95 *Three-Sixty*

Thunder Blade
Control the world's most sophisticated attack helicopter in the home-computer adaptation of Sega's #1 blockbuster arcade hit. Fly over skyscrapers, mountains, deserts and the sea as you attempt to accomplish the near-impossible mission of defeating the enemy.
$49.95 *Mindscape Inc.*

Thunderboy
An action-adventure game. Battle the dragon in the dark land where even the butterflies are deadly. $29.95 *DigiTek Software*

Time Bandit
16 lands, 16 levels per land, over 3000 screens. Travel through time and space for priceless treasures. $39.95 *Microdeal*

Times of Lore
An ancient land is in turmoil since the king and his young child disappeared 20 years ago. You as a hero-for-hire, learn much of the distinctions between appearance and reality while completing your quests. Over 60 characters, detailed cities and towns. $39.95
Origin Systems Inc.

Titan
The year is 2114, the place: Vegapolis. Professor Hybris, the genius behind all analytical conceptors, is the creator of a brand new leisure concept, which has been driving crowds crazy. But the game is deadly and all have died somewhere along the eighty levels. To succeed you must guide the power sphere across eighty immense and synthethic worlds using just one magical and magnetic control unit, while avoiding all manner of death obstacles. Ultra fast scrolling, multi color graphics and a variety of game play. $44.95 *Titus Software Corp.*

Torch 2081
You are a pilot in the World Military Service chosen to defend your planet, Torch, against the remnants of interplanetary nuclear wars. Use the Surface Defense Glider to create panels that protect the inhabitants of the planet. Be careful, the task won't be easy: you'll face fireballs, deadly spit fires, and the perimeter patrols who trace the edge of the panels in an attempt to vaporize you. Over 90 levels of play.
$29.95 *Digital Concepts*

Total Eclipse
An impending eclipse of the sun is about to trigger an ancient Egyptian curse. Alone in a vast Egyptian pyramid, you face a chamber of horrors beyond your imagination. Plunge forward into the pungent atmosphere of what could be your greatest archaeological discovery, and if you fail, your last. Unless you locate and destroy a mysterious, secret shrine, Earth will be annihilated. Race against a real time clock, experience Freescape, a 3D first person perspective of your surroundings.
$39.95 *Cinemaware Corp.*

Tournament Disk for Leader Board
Accessory for Leader Board. $19.95
Access Software

Tracers
The interiors of all computers have been invaded by terrorists, thieves, and other lowlifes. As a member of the Integrated Human Operations Police, you must stop them. $34.95
Microillusions

Transputor
3D Arkanoid-style action! 32 screens. Superb digitized sound effects! $34.95
Scorpion Software

Transylvania
The classic adventure by Antonio Antiochia. Rescue Princess Sabrina before dawn and avoid the Transylvanian night life. (Available for A1000 only. $19.95 *Polarware Software*

Entertainment

Traveler by Paragon
A science fiction role playing adventure. Explore unknown star systems, trade and piracy, governments and political structures. Meet bizarre human and alien cultures and battle in fast-action combat with futuristic weaponry. The first adventure will focus in a sparsely settled area of the Imperium called the Spinward Marches. The Marches are fertile ground for powerful adventures, literally surrounded with cultures often characterized as other than friendly.
Price unavailable. *MicroProse*

Triango
A strategy board game based on the ancient oriental game of GO. Place your pieces on the hexagonal shaped grid and try to capture triangular shaped areas. Surround your opponent's pieces with your triangles, and you'll capture his pieces. Up to 4 players at a time. Save games and records of your moves on the board. $39.95 *California Dreams*

Trinity
It's the end of your London vacation and the beginning of World War III. Escape to another universe before an H-bomb vaporizes the city. Learn to travel through time and space, back to the dawn of the atomic age. $14.95 *Infocom*

Trivia 1 Expansion Disk for Discovery
Trivia categories include Nobel Prize winners, sports, and famous quotes. Discovery program disk required. $19.95 *Microillusions*

Trivia 2 Expansion Disk for Discovery
Trivia categories include movies, space travel, and famous people. Discovery program disk required. $19.95 *Microillusions*

Turbo
Speed through cities, countrysides, and mountains in this road war game with continuous shooting excitement. Increasing levels of difficulty, obstacles to both help and hinder the driver. $24.95 *Microillusions*

TV Sports Football
Over 28 teams play a 16-game season with post-season playoffs. Pregame warmup shows, broadcasters, cheerleaders, fans, and a half time show add to the realism. Call the shots as head coach, or play as quarterback, running back, or wide receiver. Set up your offense and defense. Full color graphics and animation. Play against the computer or in head-to-head action. Requires 1 MB RAM. $49.95 *Cinemaware Corp.*

Twilight's Ransom
Interactive graphics/text adventure set in dangerous big city. You have twelve hours to rescue your kidnapped girlfriend Maria. Standing in your way is a rogue's gallery of hustlers, con men, and gangsters. Features include a picture disk with over twenty detailed illustrations. Actual clues to help you solve the mystery; over 175 mysterious locations to explore, and a complex plot in the best crime adventure tradition. $34.95 *Paragon*

U.S. Open Courses I
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Merion Golf Club, Winged Foot Golf Club, Bellerive Country Club, The Country Club of Brookline MA and Shinnecock Hills, Long Island. $20.00 *Moonlight Development*

U.S. Open Courses II
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Baltusrol (Springfield NJ), Olympic Club (San Francisco), Medinah #3 (Illinois), Champions Golf Club (Houston), and Oak Hill (Rochester NY), the 1989 site. Medinah will host the 1990 open $20.00 *Moonlight Development*

UFO
Take one giant step beyond reality! UFO puts you at the controls of an advanced spacecraft capable of aerodynamic and Quantum flight. Your mission; scour planet Earth for the fuel needed to power your galactic ships, then return to the orbiting mother ship to trade raw fuel for supplies. You can explore subLOGIC Scenery Disks in an entirely new way with this easy-to-fly simulation. $49.95 *subLOGIC Corporation*

Ultima III
Fantasy role-playing. Defeat the evil wizard, using navigational strategies and ship-to-ship combat. Advanced dungeon graphics and full color visuals. One to four players and roster of up to 20 characters. Soundtrack with on/off sound toggle. $39.95 *Origin Systems Inc.*

Ultima IV
Fantasy role-playing. Become an Avatar and lead your people by demonstrating the virtues of Avatarhood. Hundreds of characters to interact with. Difficult challenges, ethical dilemmas.
$59.95 *Origin Systems Inc.*

Ultima Trilogy I-II-III
The complete Ultima adventures in one package that tells the captivating story of the struggles of Lord British's kingdoms with the forces of darkness-the Triad of Evil. Journey through The First Age of Darkness, confront The Revenge of the Enchantress and then face Exodus: Ultima III when the Great Earth Serpent awakens from a slumber of ages. Only a party of adventurers can save Sosaria. $59.95 *Origin Systems Inc.*

Ultima V
Over four man-years in the making, Ultima V is the latest in the saga. Takes place in the extraordinary realm of Britinnia, and features all new magic and combat systems. Lord British, benevolent sovereign of Britannia, has been lost on an expedition to explore the newly discovered underworld. Blackthorn has assumed the throne and imposed martial law to keep peace, but he is soon seduces by power and becomes a tyrannical dictator. Only you, the Avatar of Legend, can save the true King and end Blackthorn's reign of terror. Full length music soundtrack. $59.95 *Origin Systems Inc.*

Uncle D's ConSOUNDtration
The ultimate game of concentration for children 4 & up. Match digitized sounds with colorful graphics. Requires no reading skills. Includes three data bases: ABC's, 123's, and Pixs (animals, tools, environmental,etc.) $29.95 *AlohaFonts*

Uncle D's ConSOUNDtration Data Disk #1
Additional games to be used with Uncle D's ConSOUNDtration. Includes commonly seen signs, states of the U.S., and more environmental -animal, music etc. $24.95 *AlohaFonts*

Uninvited
An award winning graphic adventure by ICOM Simulations. Spend an...unusual..day in a haunted mansion as you attempt to find your brother and uncover the eerie secrets of an eerie house. You don't want an invitation to this mansion! $49.95 *Mindscape Inc.*

Universe 3
Animated role-playing adventure game. Set in the 24th century, you lead a diplomatic mission to Earth. Features a sophisticated mouse based parser for rapid play. Also includes digitized sound effects. $49.95 *Omnitrend Software Inc.*

Vampire's Empire
Deep in the Transylvanian forest, in the depths of his underground lair, Count Dracula and his minions stir. Armed with your Magic Light, mirrors and garlic you must fight your way through the Vampire's Empire to battle the evil Count. Winner of a BEST OF '88 award.
$44.95 *DigiTek Software*

Vegas Gambler
A realistic casino gambling simulation with stunning graphics and life-like sound. Features 4 popular games: Blackjack, Video Poker, Roulette, and Slots. Accurate odds and payoffs based on a famous Las Vegas casino.
$39.95 *California Dreams*

Video Vegas
Exciting casino action on your computer. Try

Entertainment

your luck on slot machines, draw poker, Blackjack or Keno. Includes Blackjack card counting. Games look and play exactly like the real versions in Las Vegas. Offers fun for the beginner and challenges the pro.
$34.95 *Baudville*

Vietnam: Scenario Disk Two
Designed for use with The Universal Military Simulator. Written by historian Edward Bever, Ph.D., author of Conflict in Vietnam plus a number of strategy simulation programs. Bring the devastating reality of this war to your screen. Includes three significant firefights from the battles of Dak To—Hill 823, Ngoh Kam Leat and Hill 875. $19.95 *Rainbird Software*

Vigilante
Nothing like a well delivered flying kick to stop these bald-headed brutes. No pain, no dame! Better get a grip on your chako-sticks or you won't get your girl. Those scuzzy guttersnipes have resurfaced. This time they're wreaking havoc on your home turf and they've kidnapped your woman. There's no telling what they might do! Even the cops have copped out. It will be up to you to save her. As Vigilante, you must take the power into your own hands and stop these maniacal mohawks before it's too late. Only you can defeat the skinheads, deliver justice, and rescue your babe. Use your fists, feet, or nail 'em with your nunchucks, because these punks only fight one way-dirty! $44.95
Data East USA, Inc.

Viper Patrol
Muscles tense, beads of perspiration dot your brow as trained eyes search a scrambled message. Mission control has spotted enemy activity in the 7th quadrant: your backyard. Starfleet is on routine patrol far beyond the other side of the galactic core! No signal can reach them in time. Strap yourself in and blast off to meet danger head on! Hone skills to perfection as you blow apart wave upon wave of enemy vipors! Keep your finger on the trigger and eyes on incoming fighters as you remember only this: you're all you've got! $14.99
Keypunch Software

Virus
Destroy the killer genes with scanners, laser cannons and heat-seeking missiles. Experience superfast scrolling with twisting, curving, patchwork landscape below and high-speed, attack runs from above. Arcade action and addictive game play provide hours and hours of fast, furious entertainment. Multi-directional movement and highly sensitive control system make flight virtually effortless. Virus is addictive, infectious and fun. $29.95 *Rainbird Software*

Vortex by Visionary Limited
Man's misguided attempt to harness new sources of energy ripped a hole in the very fabric of space-time. Engulfing everything in it's path, the resulting Vortex also acts as a gateway for antimatter aliens from another universe. Fight up to 32 enemies at once, vibrant graphics, and smooth animation. $39.95
Media Technology Limited

Vyper
Save the universe. Over 100 levels, 25 opponent types, and panning stereo sound. Extremely fast animation. For 1 or 2 players. Addictive!
$39.99 *Incognito Software*

War in Middle Earth
Fantasy role playing, war strategy, animated adventure game. Follow in the footsteps of Frodo, Aaragorn, and Gandalf as they battle to get the ring to the Cracks of Doom. The Destiny of Middle Earth lies in the balance. Roam at will across the 36-screen scrolling map containing thousands of digitized locations in which you can control a cast of over 80 animated characters or armies. $49.99
Melbourne House

Warlock
You alone have been chosen to rescue the stolen Karna from the depths of darkness. Journey through 20 levels of ghoulish graveyards and creepy countryside to locate this precious jewel. Equipped with only your wits and your scepter, you'll do battle with as motley an assortment of critters as you've ever imagined!
$34.95 *Three-Sixty*

Way of the Little Dragon
Karate adventure game with eight levels and four challenges. 6 different kicking techniques, 2 punches, 2 parrying techniques, and 4 colorful background screens. $19.95
Constellation Software

Wayne Gretzky Hockey
This riveting simulation is packed with all the strategy, excitement, and hard-hitting action we could squeeze into an Amiga. Actual digitized fight videos drop you right where the playing gets rough! Fully animated players, digitized stereo effects right from the rink, extensive player stats, variable speed instant replay lets you review the action in forward or reverse.
$49.95 *Bethesda Softworks*

Wayne Gretzky Hockey Data Disk
Includes 24 NHL teams with player names and numbers, 11 different player ratings and line combinations. $19.95
Bethesda Softworks

Weird Dreams
by Medalist International
Puts players into the subconscious mind of a hospital patient as he undergoes surgery. Here the player encounters giant wasps, carnivorous rose bushes, a psychopathic lawn mower and a little girl who is not all sugar and spice. In confronting the many unusual challenges in Weird Dreams directly affects the patient's health on the operating table. Anyone claiming to have figured it all out will need more psychiatric help than the designers of the game.
$39.95 *MicroProse Software, Inc.*

Western European Tour
Our latest and hottest scenery disk available yet! To be used with all subLOGIC flight simulation products. Detailed scenery covering southern Great Britain, northern France, and southern West Germany. The basis of our fun 'Find Red Square' promotion. $24.95
subLOGIC Corporation

Western Games
Package contains two disks and is played in the tradition of the wild wild West. Actually 6 great games rolled into one rootin' tootin' contest. One or two players can compete in a series of wacky olympic-style contests including: arm wrestling, beer shooting, cow milking, dancing, eating, and quid spitting??? Digitized sound and great animation! $34.95
DigiTek Software

Where in the World is Carmen Sandiego?
Players are introduced to world geography. Carmen and her notorious band of thieves are on a worldwide crime spree. Using your crime computer at the Acme Detective Agency, you'll gather facts before embarking on an international chase through the beautiful capitals of the world. $44.95
Broderbund Software Inc.

White Death 1MEG
World War II Eastern Front strategic simulation with digitized sound. Full color graphics. Computer opponent or play by modem.
$59.95
Command Simulations

Who Framed Roger Rabbit?
The movie comes to the small (Amiga) screen. Three great arcade sequences in a game animated with Disney art. Like three games in one! $44.95
Buena Vista Software

Willow
Relive the excitement of the movie in this exciting adventure. Overthrow the evil Queen

Entertainment

Bavmorda in this graphically-impressive game, which includes seven separate adventures.
$39.95 *Mindscape Inc.*

Windwalker
Lightening-fast martial arts action combined with extensive role-playing. Encounter a variety of colorful characters in palaces, monasteries, pagodas and countryside located throughout multiple regions. Explore the culture, personalities and events of the ancient Orient. Animated combat sequences with authentically depicted gymnastic and acrobatic movements. Features hundreds of characters including merchants, alchemists, villagers and farmers.
$39.95 *Origin Systems Inc.*

Winter Challenge
Go for the gold in five winter events: Ski Jump, Downhill, Bobsled, Giant Slalom, and Biathalon. Animated graphics. One to six players.
$14.95 *Mindscape Inc.*

Winter Games
Participate in seven different events, from downhill skiing to figure skating. Compete against your friends or the computer. Complete with national anthems. $19.95
EPYX

Wishbringer
A ransom note from a kidnapped cat takes an ordinary mail clerk through extraordinary adventures to the powerful Wishbringer stone.
$14.95 *Infocom*

Witness
You're a hard-boiled detective in 1938 L.A. Find the real culprit of a murder case or face suspicion yourself. $9.95 *Infocom*

Wizard Wars
Creative graphics adventure. Tale of gallant heroism and wicked villainy. Set in the imaginative fantasy kingdom of Mogardia. State-of-the art graphics; over 50 fantastic creatures; sophisticated combat generation, 3-D scrolling mazes, sound effects, musical score. Includes Wizard's spell book and pouch.
$39.95 *Paragon*

Word Plex 2.0
Phrase Guessing game similar to TV's Wheel of Fortune. Set difficult level and number of players. You can define your own data or jargon or use the program's library of phrases
$39.95 *OXXI, Inc.*

Word Plex Data Disks
Over 1000 trivia phrases for use with Word Plex from American History topics (presidents, state capitols, and more), Nature (animals, flowers, natural wonders) and the Bible.
$29.95 *OXXI, Inc.*

World Class Leader Board
Update to Leader Board. $44.95 *Access Software*

World Games
Travel around the world to compete against international athletes in eight sporting events. Ski in France, roll logs in Canada, dive cliffs in Mexico, lift weights in Russia, ride bulls in the U.S. $39.95 *EPYX*

World Odyssey
World geography in a puzzle format. Select map (12 choices) and answer question about geography. You control the answer format. Score is kept for the 10 best players. $49.99
The Other Guys

World Snooker
Enjoy pool played 5 different ways from around the world. Great graphics and logical lay-out make it easy to use and fun to play. Zoom-in for precision, play in a practice mode, challenge 6 different levels against the computer.
$24.95 *Artworx Software Company*

World Tour Golf
Choose from over 20 different courses or design your own. Model your player after a favorite pro golfer. Split screen allows player to view overhead golfer's eye view simultaneously.
$19.95
Electronic Arts Software Classics

Xenophobe by Medalist International
Classic arcade game of alien extermination. A combination of fast and furious action, high-tech weaponry and detailed, often amusing graphics. Xenophobe puts you in command of three rag-tag squads of scientist and soldiers to reclaim abandoned space stations from alien invaders. Aliens are everywhere in the game and they don't feel like negotiating. From a squad of nine men, the player selects the two best personalities to handle each mission. They then face a continuous wave of strange creatures with names like Roller baby, Snotterpillar and Tentacle each having its own special way of knocking out human attackers. Soldiers fight back with a smoke gun, laser pistol, lightning rifle, and hand grenades. $39.95
MicroProse Software, Inc.

Zak McKracken And The Alien Mindbenders
Reporter Zak McKracken and two Yale coeds uncover an alien plot to stupefy all mankind. With this game, you'll enjoy cunning clues and hip humor as you track the mystery to the exotic corners of the Earth and beyond. Off-the-wall clues and fast point and click action keep the fun moving. $44.95
LucasFilms Games

Zany Golf
Players maneuver their ball through flashing lights and crazy music in the Pinball Hole; putt under a jumping burger in the Hamburger Hole; and dart laser beams, particle rays and transporter pads in the Energy Hole. The imagination is unleashed in holes featuring moving walls, magic carpets, a castle and a hole with a mind of its own. $39.95
Electronic Arts

Zero Gravity
You're on a journey of discovery into the farthest reaches of the universe, charting new courses into the unknown. But space travel can get monotonous, what can you do? Play Zero Gravity, space age racquetball. You're on one side of the cargo bay in a weightless atmosphere. Use your paddle to hit the red and white ball off the panels to trick your opponent. You use the top half of the screen, your opponent uses the bottom. $29.95 *Microdeal*

Zoom
Maze strategy in space. Easy to learn, but oops factor makes it difficult to master. Zoom through space on a luminesced grid. Hug the corners and shoot the straight aways. This is intense arcade action at a fast pace. Chase down the magic powers that give you bursts of energy and other strengths. But beware the dreaded Angleheads and Wormlets! $29.95
Discovery Software International

Zork I
The interactive classic that takes you to the ruins of an underground ancient empire to search for the Treasures of Zork. $14.95 *Infocom*

Zork II
Journey to a hidden region ruled by the exiled Wizard of Frobozz. $14.95 *Infocom*

Zork III
Finish the game by finding out why you are in the perilous ruins of the empire and what you are supposed to be doing there. $14.95
Infocom

Zork Trilogy
Zork I, Zork II, and Zork III all in one package.
$49.95 *Infocom*

Zynaps
Four exciting levels of fastpaced, intense arcade action! $34.95 *Scorpion Software*

MUSIC

MUSIC

Bars and Pipes
Unique Pipeline concept allows the user to direct the flow of musical information on a track by track basis either prior to or after recording takes place. Includes the Toolbox with a keyboard splitter, event filter, chord substituter, inverter and harmonizer to name a few. Create a Tool allows the user to construct customized Macrotools. There is no limit to the number of tracks. Sequencer features include global cut, copy and paste; autolocate registers; punch in and out; looped mode recording; global display of music on all tracks; A-B-A global song construction and editing; high-resolution timing (192 clicks per quarter note); tempo maps; sync to external MIDI or time code; audible metronome; and rythym, chord, key, multiple time signature and lyric output.The Editor is either a piano roll display or bars on a staff. Lyrics can be typed over the music.Simple, intelligent, object-oriented user interface. MIDI File Format compatible.
$249.95 *Blue Ribbon Bakery,Inc.*

Deluxe Music Construction Set
Full-featured sound editor with complete input, notation, and score printing. $99.95
Electronic Arts

Digital Studio
Digital Studio, the ultimate stereo sound handler for Amiga computers. A digital sampler, editor (and sequencer) is fully complete, of high fidelity,(simple to use at an affordable price); yet it remains a professional tool. Digital Studio has 10 memory work zones; these buffers will allow you to work on several different pieces of music, and even better, to play one piece while working on another, or even to play the two samples at the same time, with different frequencies (pitch) if so desired. The zoom in Digital Studio, permits you to magnify the waveform. DRAW permits you to touch up the waveform. There are menu commands for volume, and echo. Modified sounds can be saved on a floppy disk or on a hard drive in IFF format. Supplementary characteristics include: Sampling Rate to 44Khz, Automatic voice activation, left, right volume control, anti-aliasing audio filter control, transform mono into stereo and vice versa, and graphic oscillator for control of audio entry level. Digital Studio is compatible with all the digitizers whose sampling rate is high enough to permit quality sound recording.
Price unavailable. *Adept Development*

Instant Music
Easy musical composition through mouse control. $19.95 *Electronic Arts*

Keyboard Controlled Sequencer V1.6
Load up to 4 programs simultaneously, automated 48-track tape recorder mode, full editing of all MIDI parameters, built-in variations generator. Can use up to 126 sequences. Can use Amiga's internal voices. Allows multitasking, loads and saves MIDI files.
$249.00
Dr. T's Music Software Inc.

Level II
Does everything KCS 1.6A does, with 16 more screens of algorythmic and global editing.
$349.00 *Dr. T's Music Software Inc.*

M
M for the Amiga is a real-time interactive composing and performing program. M's graphic screen controls allow you to shape or change any aspect of your composition while you're hearing it. First, you specify notes and chords. Then you determine the ways those notes will be transformed through rhythms, articulation, orchestrations and many other variables. Finally, you perform your music, either by manipulating screen controls, playing control keys on a MIDI keyboard or moving the mouse in a conducting grid. M features a capability for automating changes in MIDI velocities, note densities, legato-staccato articulations and accents. Also multitasking compatible and high-quality internal sounds using IFF8SVX sample files. $199.00
Intelligent Music

MIDI Magic
Easy to use MIDI sequencer for the Amiga Uninterrupted music output. Features include multi-channel simultaneous recording, 480 PPQN resolution, 4-mode quantization, and multiple time signatures. Allows real-time, modular, or step editing. Records any type of synthesized sampled, or live sounds onto 16 tracks with up to 26 sequences. Multitasking, windows, gadgets, pull-down menus. Mouse or keyboard control. Play, record, pause, rewind, FF. Memory Fuel Guage keeps track of memory.
$149.95 *Brown-Wagh Publishing Inc.*

MIDI Music Manager
Play sampled sounds from any MIDI track. Listen to one track while recording another.

Eight real time tracks. Adjustable track length. Works with standard IFF files. $39.95
Datel Computers

MIDI Recording Studio
Full-featured 8-track sequencer for MIDI Recording. $69.00
Dr. T's Music Software Inc.

MIDI Sample Wrench Version 1.1
MIDI Sample Wrench is a 16 bit, CD quality sound sample editor, and Version 1.1 offers new features and functions, as well as enhancements of the program's original capabilities. Besides MIDI Sample Dump Standard devices such as the Prophet 2000 and Yamaha TX16W, Sample Wrench now supports the Akai S900 and S950 samplers as well. All registered Version 1.0 owners may receive the update by sending in their original disk and a stamped, self addressed envelope. A new Version 1.1 demo is available for $12.00. Also, registered users may receive a non copy protected version by sending in their original disk at a cost of $30.00.
$279.00 *dissidents*

MIDI Synergy I
Complete source code kit in C and Assembly. MIDI recorder and sequencer using OPCode file format. IFF SMUS to MIDI conversion. Mouse controlled modulation, pitch, tempo, transpose.
$27.00 *Geodesic Publications*

MidiVU
Single track desktop recorder records in real time from any MIDI instrument. Portable, compact, multitasking; uses just 3% of disk. Pops up fast, hides easily. Saves tracks to disk, and includes powerful file utility. MIDI data monitor for troubleshooting. Help screens show MIDI 1.0 message definitions. Includes message filtering and loopable playback. Records Sys-Ex MIDI data and can be used as a generic Patch Librarian.
$29.00 *Diemer Development*

Music Modules
Record/save/edit/play standard MIDI files. Use IFF sampled sounds as instruments. Number of tracks, sequences or sounds limited only by available memory. Independent multitasking programs which utilize a shared library to communicate. MIDI Delay and SysEx Dump. Use Amiga keyboard as a MIDI controller. MIDI keyboard or interface are useful but are not required. Available October 1989.
$99.95; Starter Kit available for $49.95
Musicomp Technologies

Music Mouse
Musical composition with the mouse. No musical skills required. Music Mouse turns the computer into a musical instrument that reacts to mouse movements to play internal sounds or create MIDI data. Lets beginners express their musical sensitivity and imagination; while giving advanced musicians an endless variety of instantly accessible chances for improvisation and exploration. Outputs through the computer's built-in speaker or through a MIDI interface. $79.00 *Opcode Systems*

Music-X
MIDI sequencer features real-time recording, keyboard mapping, configurable librarian, and many editing features. $299.95
Microillusions

QuasarSound
QuasarSound gives Amiga owners the ultimate stereo sampling / sound editing system! QuasarSound can save real-world sounds in IFF format for any use in any music program that supports IFF or 8 SVX sounds. Samples will work with Deluxe Music, Sonix, Soundscape, Dr. T's KCS 1.6A, Dynamic Drums and many more! The program features include high and low pass filter operations, powerful editing features such as cut, paste, copy and visual editing, changeable pitch and volume, special effects and more. All commands are executed through an easy to use graphic interface. QuasarSound supports all popular Amiga parallel sound sampler. QuasarSound's truly unique feature is the ability to create long playing play disks. By sampling directly to diskette, you can record sampled sounds longer than the capacity of your internal RAM on up to four disks at the same time to create auto-boot play disks. $59.95
Centaur Software, Inc.

Quest I: Texture
Original Modular Recording, record, edit and assemble your music in convenient blocks called patterns. 96 patterns of arbitrary length up to 545 beats. 2304 independent sequences, 24 tracks X 96 patterns, 99 links for songs. Create music without having to stop. Full real time interaction; all 16 MIDI channels may be controlled simultaneously; comprehensive screen window display. Simple Mouse/menu/keystroke interface, and more. $150.00
Sound Quest Inc.

Quest II: Texture
Professional sequencer for the Amiga computer. Features include modular recording, 24 tracks, edit display, MIDI output remapping, swing function, enhanced Amiga interface, linearize function, and clipboard. Includes all the features of Quest I plus 96 patterns of arbitrary length up to 2728 beats, Multiple MIDI Channels per track, Quantize-3 new methods of affecting note duration, panic button and much more.
$250.00 *Sound Quest Inc.*

Sonix
Combine instruments, sampled sounds, and digitized AudioMaster files. On-screen musical editing lets you see each note as it's entered on the staff. Has built-in MIDI controller. Supports eight MIDI voices with up to 32 channels and 16 MIDI patches for each channel, or four Amiga voices and four MIDI voices. Saves files in IFF or RFF formats. Use pre-programmed instruments or create your own using the Sonix synthesizer. $79.95
OXXI/Aegis Development

SoundScape Pro MIDI Studio
Recording studio environment provides complete facilities for routing, recording, editing, transposition and playback of any musical performance from both the internal sampled sounds of the Amiga, and/or any external MIDI equipment. Features infinite note and track MIDI sequencer, MIDI Patch Panel links program modules, supports Song Position Pointer to sync with other MIDI clocking systems, MIDI sequence and song editing, step entry for easy note at a time recording/editing. Echo and Trigger modes provide special sequencing effects. Also integrates with the AmiGen genlock for creating music videos.
$179.95 *Mimetics Corporation*

Synthia
High performance digital synthesizer. Creates digital IFF instruments, modifies existing IFF instruments with reverb, wow, and other enhancements. $99.99 *The Other Guys*

Synthia Professional
A 16 bit synthesizer effects processor, visual editor, sampler/file interface. Create single and multi-sample instruments for use with most music programs or your favorite MIDI Keyboard Sampler. $395.00 *The Other Guys*

The Hyperchord Music Exploration Kit
The kit consists of a disk of 4 interrelated programs, centering around Hyperchord. Other programs include Mode Maker, Rhythm Maker and Holistic Window. With Hyperchord you can create, store and manipulate RIFFs in real-time. In design mode create anything from simple scale runs to complex RIFF waves. Play mode allows you to improvise and loop any of the RIFFs. Customize modes in Mode Maker. Spectral colors are used to show the tonal relationships of the notes. The unique 3D interface and the graphics alone make this a fascinating and fun program to use.
$129.00 *Hologramophone Research*

Music

Tiger Cub
A 12-track sequencer with real-time graphic editing and instant standard musical notation for display and printout. Fully MIDI compatible, yet no MIDI is required. For the beginner as well as the semi-professional. $99.00
Dr. T's Music Software, Inc.

•EDITOR/LIBRARIANS•

DWEL
DWEL is an Editor and Librarian for the Korg DW-8000 Synthesizer that uses the advanced computing environment of the Amiga Computer, and uses a MIDI interface to connect the two. DWEL has two different screens, one the librarian, the other is a patch editor. DWEL's librarian is an advanced system for storing, retrieving, arranging, and sending patch (instrument) sounds through MIDI. The Editing features of DWEL are simple and logical, but also very powerful. It is no longer necessary to remember parameter numbers and settings to alter or create sounds. DWEL's editor graphically illustrates all characteristics of the patch's sound. $79.00 *Synthetic Reality*

4-OP Deluxe
Graphic editor librarian for the TX-812, FB01, DX100, DX21, and DX27. $149.00
Dr. T's Music Software Inc.

C-ZAR
Editor librarian for Casio CZ-101, CZ-1000, and CZ-1 synthesizers. Includes 200 pro sounds; easy start up; automatic loading, saving, and cataloging of disk sounds. Cut and paste, duplicate, rename and delete sounds, banks, and disk files. Overlays large, color coded and dragable sound envelopes on a logarithmic time display. Continuous display and sound updating, flexible undo feature. Mouse operation features intuitive panel displays. 200-note sequencer; 80 page indexed manual. Much more.
$99.00 *Diemer Development*

Caged Artist
Editor/librarian. Multitasking graphic editor librarian for the Roland D-110. Point and click editing of all parameters. Requires MIDI interface. $149.00 *Dr. T's Music Software Inc.*

CZ Rider
Graphic editor librarian for the Casio CZ series of instruments. $149.00
Dr. T's Music Software Inc.

DX Heaven
Graphic editor/librarian for the Yamaha DX-7.
$149.00 *Dr. T's Music Software Inc.*

ESQ-1 Caged Artist
Editor/librarian. Multitasking graphic editor librarian for the Ensoniq ESQ-1. Point and click editing of all parameters. Requires MIDI interface. $149.00 *Dr. T's Music Software Inc.*

ESQuapade
Graphic editor/librarian for the ESQ-1 and SQ-80. $149.00 *Dr. T's Music Software Inc.*

Kawai K-3 Caged Artist
Editor/librarian. Multitasking graphic editor librarian for the Kawai K-3 series. Point and click editing of all parameters. Requires MIDI interface. $175.00 *Dr. T's Music Software Inc.*

Kawai K-5
Graphic editor/librarian for the Kawai K-5.
$175.00 *Dr. T's Music Software Inc.*

Kawai-1 Caged Artist
Editor/librarian. Multitasking graphic editor librarian for the Kawai K-1 series. Point and click editing of all parameters. Requires MIDI interface. $149.00 *Dr. T's Music Software Inc.*

Oberheim Matrix 6/1000 Caged Artist
Editor/librarian. Multitasking graphic editor librarian for the Oberheim Matrix 6/1000. Point and click editing of all parameters. Requires MIDI interface. $149.00 *Dr. T's Music Software Inc.*

PCM-70 Caged Artist
Editor/librarian. Multitasking graphic editor librarian for the Lexicon PCM-70. Point and click editing of all parameters. Requires MIDI interface. $149.00 *Dr. T's Music Software Inc.*

QuickPatch
Librarian and Patch Editor for Roland D-10 /110 /20 Keyboards. Allows swapping of sounds between banks. Quickly creates new Performance Patches with pop up windows, displaying sound names. Makes full use of the easy-to-use Amiga Interface. $49.95
K & M Technology

Roland D-50 Caged Artist
Editor/librarian. Multitasking graphic editor librarian for the Roland D-50. Point and click editing of all parameters. Requires MIDI interface. $149.00 *Dr. T's Music Software Inc.*

Roland MT-52 Caged Artist
Editor/librarian. Multitasking graphic editor librarian for the Roland MT-52. Point and click editing of all parameters. Requires MIDI interface. $149.00 *Dr. T's Music Software Inc.*

Sound Quest CZ Master Librarian
Master editor/librarians available for both PC and the Amiga, to store, retrieve, modify, and create sounds to be used with the Casio CZ series.
$125.00 *Sound Quest Inc.*

Sound Quest D-10 Master Librarian
Master editor/librarians available for both PC and the Amiga, and are used to store, retrieve, modify, and create sounds to be used with the Roland D10. $150.00 *Sound Quest Inc.*

Sound Quest D-50 Master Librarian
Master editor/librarians available for both PC and the Amiga, to be used with the D-50.
$150.00 *Sound Quest Inc.*

Sound Quest DX Master Librarian
Master editor/librarians available for both PC and the Amiga, and are used to store, retrieve, modify, and create sounds to be used in particular synthesizers. $150.00 *Sound Quest Inc.*

Sound Quest Generic Master Librarian
Master editor/librarians available for both PC and the Amiga, and are used to store, retrieve, modify, and create sounds to be used in particular synthesizers. $125.00
Sound Quest Inc.

Sound Quest SQ-80 Master Librarian
Master editor/librarians available for both PC and the Amiga, and are used to store, retrieve, modify, and create sounds to be used with the Ensoniq SQ-80/ESQ-1/ESQ-M. $150.00
Sound Quest Inc.

Sound Quest TX802 Master Librarian
Master editor/librarians available for both PC and the Amiga, and are used to store, retrieve, modify, and create sounds to be used with the Yamaha 802. $175.00 *Sound Quest Inc.*

Sound Quest TX81Z Master Librarian
Master editor/librarians available for both PC and the Amiga, and are used to store, retrieve, modify, and create sounds when used with the Yamaha TX81Z/DX100/DX21. $150.00
Sound Quest Inc.

Yamaha MT-52 Caged Artist
Editor/librarian. Multitasking graphic editor librarian for the Yamaha MT-52. Point and click editing of all parameters. Requires MIDI interface. $149.00 *Dr. T's Music Software Inc.*

•PERCUSSION•

A-Drum
A full-featured rhythm maker allowing users to create new and exciting drumbeats. Four-voice drum machine can have up to 26 IFF sounds in

memory to output with a sequencer in stereo to allow up to 64 measures of variable length. In, out, and clock MIDI supported. $79.95
Haitex Resources

Drum Studio
Drum Studio turns your Amiga into a powerful dedicated drum machine! Each sound has 16 different volume and pitch controls providing over 5000 different drum sounds in memory. Features include up to 100 patterns in memory; real time indicator to allow easy volume and pitch adjustment; adjustable BPM (beats per minute) from 30 to 240; keyboard template for quick reference; plus many more features. $29.95
DigiTek Software

•PROGRAMMING•

HMSL
Hierarchical Music Specification Language. An object-oriented Forth-extension language for experimental music composition. Three modules: graphic editor (CREATE), real-time stimulus response environment (PERFORM), and complex hierarchical scheduler (EXEC). Includes utilities for designing real time intelligent instrument, controlling and responding to MIDI devices, more. Includes source code. Requires JForth.
$150.00 *Frog Peak Music*

•SONGS•

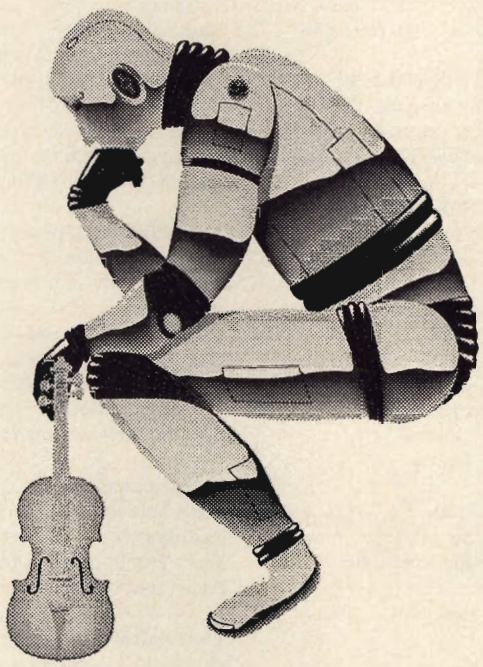
Four Disk Set
The Rock Disk, Digital Synthesizer Disk, Grab Bag Disk, Orchestral Disk all in one package. $79.95
Blue Ribbon Bakery

Game Play
By Jim Cuomo. Top scores from computer action adventures. $14.99 *Pigeon Music*

Hot & Cool Jazz
New music and instruments for Instant Music™, Deluxe Music Construction Set™, and DeluxeVideo™. Over 40 original tunes cover jazz history from ragtime to fusion. A dozen instruments including Les Paul guitar, chord harmonica, and jazz sax. $29.95
Electronic Arts

It's Only Rock and Roll
New collection of 40 original songs from eight eras of rock history. For use with Instant Music, Deluxe Music Construction Set, and DeluxeVideo. Twenty-two new instruments and a 24-page manual covering the development of rock music from 1956 through the 70's. $29.95
Electronic Arts

Amazing COMPUTING™ For The Commodore AMIGA



Your original AMIGA monthly resource

SoundTrax I and II
Play along with or study this library of Sonix compositions to tips on how to create your own Sonix scores! Use special pre-programmed instruments to enhance your own compositions. Volume I includes Top 40's and Blues, while Volume II includes Fifties-style compositions. $19.95 each
OXXI / Aegis Development

•SOUNDS AND INSTRUMENTS•

A Sound Library Vol.1 to 3
A 3 volume set. New digitized sounds for Amiga musicware. IFF soundfiles suitable for Microillusions Music X software.
$66.00 *EyefulTower Communications/ EarfulTower Productions*

Animation
Sound effects disk with 45 real and synthesized IFF sounds. Door knocks, footsteps, machinery, more. $19.95 *WaveTable Technologies*

Big Dollar Synth
Unusual sound samples from hi-end synths, spread over 6 octaves. Mimetics and IFF formats. $19.95 *WaveTable Technologies*

Composer's SoundLib
Mimetics' Exclusive (Vol. 3) Sampled sound libraries in Mimetics format. Over 30 samples per disk. Real instruments and custom programmed synthesizers. $19.95
WaveTable Technologies

Composer's SoundLib IFF Portable Vol. 1
DMCS and Sonix compatible sampled IFF sound libraries. Over 30 sounds on each disk (6 volumes). $19.95 *WaveTable Technologies*

Composer's SoundLib IFF Portable Vol. 2
DMCS and Sonix compatible sampled IFF sound libraries. Over 30 sounds on each disk (6 volumes). $19.95 *WaveTable Technologies*

Composer's SoundLib IFF Portable Vol. 3
DMCS and Sonix compatible sampled IFF

Music

sound libraries. Over 30 sounds on each disk (6 volumes). $19.95 *WaveTable Technologies*

Composer's SoundLib IFF Portable Vol. 4
DMCS and Sonix compatible sampled IFF sound libraries. Over 30 sounds on each disk (6 volumes). $19.95 *WaveTable Technologies*

Composer's SoundLib IFF Portable Vol. 5
DMCS and Sonix compatible sampled IFF sound libraries. Over 30 sounds on each disk (6 volumes). $19.95 *WaveTable Technologies*

Composer's SoundLib IFF Portable Vol. 6
s. Over 30 sounds on each disk (6 volumes). $19.95 *WaveTable Technologies*

Composer's SoundLib Mimetics' Exclusive (Vol. 1)
Sampled sound libraries in Mimetics format. Over 30 samples per disk. Real instruments and custom programmed synthesizers. $19.95 *WaveTable Technologies*

Composer's SoundLib Mimetics' Exclusive (Vol. 2)
Sampled sound libraries in Mimetics format. Over 30 samples per disk. Real instruments and custom programmed synthesizers. $19.95 *WaveTable Technologies*

DX Voices
Sounds for the Yamaha DX Series. $49.00 *Dr. T's Music Software Inc.*

FAT SOUNDS
Non-8SVX samples for professional & home use. Three disks of brand new sound / instrument libraries. Available February 1990. $59.95 *Eyeful Tower communications*

Instrument Voice Disks
Data disks for Dr. T's sequencer and patch editor/librarians. $49.00 each *Dr. T's Music Software Inc.*

Mellotron
Mellotron instrument samples. Original issue cello, violin, and flute voices. Mimetics, IFF format. $19.95 *WaveTable Technologies*

Modern Percussives
Over 60 sampled real and percussive sounds for music composition programs. Available in IFF. $19.95 *WaveTable Technologies*

MT-32 Voices
Sound for the MT-32 editor. $49.00 *Dr. T's Music Software Inc.*

Real Brass
Real brass instruments for composition programs. Trumpet, tuba, french horn, trombone, more. IFF and Mimetics format. $19.95 *WaveTable Technologies*

Sonic Spectrum
Instrument libraries: Rock and Roll Library; Classical Library; Special Effects Library; Percussion Library. Over 750 instruments in all. Compatible with all music based software that supports IFF or Mimetics format uploadable sound samples. All samplers contain four disks with over 50 realistic instruments. $59.95 each ($199.95 for all four) *DATASOUND*

Sound Effects Library
288 realistic sound effects, both common and unusual, from baby cries to jet planes. Use with any program that uses the IFF standard for sampled sounds. BASIC or C programmers can use Sound Effects in their own programs. Volumes 1 through 6 include the 288 sounds, manual, and Pocket Pac disk holder. $99.95 *Karl R. Denton Associates*

Symphony Songs
Collection of nearly 1000 sampled sounds, including Beatles, Classical, Rock, more. DMCS, Music Studio or Sonix format. Price unavailable. *Speech Systems*

The Digital Synthesizer Disk
26 exotic instruments generated by synthesis software. IFF or Soundscape format. $24.95 *Blue Ribbon Bakery*

The Grab Bag Disk
26 unusual and ethnic sounds and effects. Bali flute, dog bark, more. $24.95 *Blue Ribbon Bakery*

The Orchestral Disk
17 multi-sampled sounds including strings, grand piano, more. $24.95 *Blue Ribbon Bakery*

The Rock Disk
Drum kits, guitars, bass, organ, synth sounds and more. $24.95 *Blue Ribbon Bakery*

•TUTORIAL•

Guitar Chords
Guitar Chords is a program for the Amiga Computer that will tutor a beginning guitar student in learning and correctly playing chords for the guitar, by illustrating the correct fingering on the Amiga's screen. Finger numbers and color schemed dots clearly show fingerings. Guitar Chords is designed for the student to have the guitar in hand while running the program. The Amiga sounds the notes of the chord so that the student hears instantly if he has fingered the chord correctly. Also, tuning is a breeze as Guitar Chords plays the correct pitch for each string. All Major, Minor, Major7 and Minor7 chords are included in the program. $39.00 *Synthetic Reality*

AudioMaster II
Save sampled stereo sounds as 5-octave Sonix instruments. Visually display waveform of your favorite sound file. Use sound digitizing to load samples into AudioMaster II and change pitch, sample rate (56K), volume, and octave. Edit digitized samples, add special effects. $99.95 *OXXI/Aegis Development*

Audiotools for the Amiga
Based on an article published in July/Aug 87 Amiga World, disk contains source and object in both C and Modula-2 that simplifies direct access to the audio device. Updated since publication of the original article, and includes the original unedited article text (with updates included). No licence required for use. $8.00 *DATAPATH*

Aural Intervals
Recognizing the distance between two pitches is the first technique taught in ear training. Correctly hearing and identifying intervals takes practice and a trained ear. It is also a skill that is awkward to practice by yourself. Now with the help of Aural Intervals and your Amiga computer, ear training is as simple as a video game. Aural Intervals randomly selects an interval and then randomly selects the lowest pitch to begin the interval on. The Amiga plays the sound for you. If you don't get it on the first try, press the play again button and the interval will be repeated. If you're not sure what it is , ask Aural Intervals to hint at the darkness or brightness of the intervals quality. If still unsure,inquire whether the interval is greater or less than a Perfect 5th. As a last resort, select the Melody Hint button and Aural Intervals will play a short melody that is identified with the interval. Aural Intervals is a positive and reasuring method to master the art of interval ear training. $19.00 *Synthetic Reality*

Music Student I
Lessons in music theory. 178 lessons on one disk: intervals, triads, scales, terms, symbols, more. Eight levels, beginner through intermediate. $59.95 *Associated Computer Services*

Music Student II
Lessons in music theory. 178 lessons on one disk: intervals, triads, scales, terms, symbols, more. Eight levels, beginner through intermediate. $59.95 *Associated Computer Services*

Music

Copyist Apprentice
Music printing and scoring program prints 5 pages of music on a dot-matrix printer.
$99.00 *Dr. T's Music Software Inc.*

Copyist DTP
Music printing and scoring program prints 100 pages of music on dot-matrix, laser, or PostScript printer. With Adobe Sonata fonts. Supports IFF and EPS files. $339.00
Dr. T's Music Software Inc.

Copyist Level I
Transcription program includes a full complement of music symbols and transcribes treble, bass, alto, and percussion clefs. Also allows you to convert any of the supported formats to any other. $99.00
Dr. T's Music Software Inc.

Copyist Professional
Music printing and scoring program prints 50 pages of music on dot-matrix and laser printers. Reads and writes sequence files; prints and automatically transposes parts. $275.00
Dr. T's Music Software Inc.

Dr. Drums, Dr. Keys, Bach Songbook
Data disks for sequencer and patch editor/librarians. Songbook contains 2-part inventions, 3-part sinfonia, 4-part fugues. $29.00 each
Dr. T's Music Software Inc.

EnCopy
A diskcopy utility for making backups of Ensoniq keyboard disks using the Amiga computer. The Encopy package will backup such programs as Mirage™, SQ-80™,EPS™, and VFXsd™ 3.5 floppys. $20.00
Bigfoot Computer Services dba Bigfoot Software

MIDI Sample Wrench
Sound editor that works with 16-bit CD quality sounds. Quickly perform either subtle or dramatic sound variations. Full cut-and-paste editing available, along with free hand drawing, DSP, and sound mixing tools. Preview sounds with the Amiga's internal voices. Works with MIDI based samplers. Since sampler support is provided via libraries, new samplers are very easy to add. Requires MIDI interface and 512K RAM minimum. $279.00 *dissidents*

MIDI-Mice
MIDI-Mice is a man-machine interface for the Amiga, for use in your interactive hypermedia productions and performances. By emulating all mouse and keyboard functions, MIDI-Mice software allows you to control virtually any video, music, or paint programs from your MIDI instruments. $85.00
Tensor Productions

Performance
Database system for performing musicians that tracks MIDI information (synth presets, patch banks, sequences, etc.) for songs in repertoire to automate MIDI setup. Includes a MIDI file sequence player. Contains set building tools to organize material for live performances. Database is entirely user-configurable, is mouse driven, supports standard MIDI files, runs in both interlace and non-interlace modes. The song selection features a large font easily readable from a distance of up to 30 feet from the screen.
$165.00 *Pregnant Badger Music*

Real-Time Sound Processor
The Real-Time Sound Processor features Echo, Reverberation, AM and FM Modulation, Vibrato, Over Drive, Stereo Function, 512Kb sufficient, and MIDI channel selection for Amiga 500/1000/2000. Your creativity combines with the Amiga's amazing musical capability to produce unlimited original sound effects. Choose from PRESET parameters to recreate well know sound effects, or choose from the fully flexible parameters to create your own new sound effects. All sound processing occurs instantaneously-the samples do not have to be saved previously. You need NO musical training to use this software.
Price unavailable. *Adept Development*

Sound Effects
Modify Amiga IFF sounds with Echo, Flange, Chorus, Tremolo, Reverse, Harmonize, Fuzz, Compressor, EQ and more. STOMPBOX style user interface. $59.95 *Musicomp Technologies*

Sound Lab Amiga
A complete visual editing program that features extensive visual waveform and voice parameter editing, powerful audio processing, graphic looping aids and a unique wavesample librarian for the Ensoniq Mirage Digital Sampling Keyboard. A complete MASOS implementation provides fast editing and processing functions without lengthy wavedata transfers. In addition, unique features like interpolation and compression improve sample quality.
$295.00 *Blank Software*

Utilities #1
Eight additional modules for SoundScape: Mouse Bender, System X, Frame Counter, Fuel Gauge, Clock Divider, more. $49.95
Mimetics Corporation

•GENERAL•

DNA Music
Plays music based on DNA sequences. Features menu choice of DNA, speed, tone, and channel. Two octaves in the key of C. $19.95
Silver Software

Fractal Music
Music based on fractal mathematics. Two octaves in the key of C, graphics of filled polygons, 640 x 240 resolution. $19.95 *Silver Software*

MindLight 7
Combined with Visual Aurals I graphic arts software generates real-time animated graphics that derive their energy from any music or other audio source. Music affects the color, movement, object shapes, and patterns in a number of different ways. Can be combined with any IFF picture in any resolution or any IFF brush. Also combines with LIVE! by A Squared. Includes a oscilloscope and a frequency counter for analyzing and a MIDI player and recorder which accepts IFF music files or files compatible with Dr. T's music software. $198.00
Visual Aural Animation

Pattern Splatter
Random sequence generator that deals with arpeggiation patterns, randomizes various MIDI parameters within user-controlled ranges.
$49.95 *Mimetics Corporation*

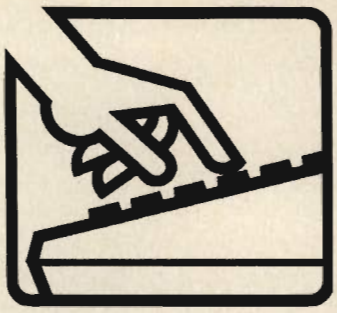
Pixound
Fully multitasking, Pixound is musical screen interpreter which uses both MIDI and Amiga internal voices. By translating the red, green and blue content of each pixel into chords, you are able to hear what you see. One of the results of this technique is that every new screen is a new instrument to be played. We have included 5 unique screens for such purposes as well as 5 screen generators which never produce the same screen twice. The parameters which you can vary include pitch, harmony, orchestration, color and sensitivity. Using MIDI recording, more serious musicians can use Pixound to generate melodic and harmonic sequences for use in other music programs. Also separate music disks available to be run with Pixound. $79.00
Hologramophone Research

Protein Music
Plays music based on protein amino acid sequences. Menu choice of protein, speed, tone, channel. Two octaves. $19.95 *Silver Software*

RXMix
16-channel programmable mixer for Yamaha RXII drum machines. $79.95
Pregnant Badger Music

Waveform Easel
Use the mouse to draw any curve to define waveform tables that the Amiga uses to make sounds. $19.95 *Silver Software*

WORD PROCESSING



WORD PROCESSING

BeckerText
BeckerText Amiga is more than just a word processor, as it gives you all of the easy-to-use features found in TextPro Amiga, plus added features. You can merge sophisticated IFF-graphics anywhere in your document. You can hyphenate, create indexes and generate a table of contents for your documents, automatically. Real WYSIWYG formatting on your Amiga. ISBN-1-55755-029-8 $150.00
Abacus Software

DesignText
User-affectionate word processor with WYSIWYG and integrated Mail List Manager. Auto-backup, movable icons, integrated database. Create and edit outline, table of contents and index, spell check, math and sorting, mail labels, mails lists, mail merge and over 120 more menu items. Imports IFF graphics, Textcraft Scribble, and Word Perfect files. Special printer drivers maximize Dot-Matrix printing, background printing, on-line help screens, more. Also available in German, other languages to follow. $129.00; Students and User Groups, $79.00 *DesignTech Business System*

Dynamic Word
Word processor. Speller, thesaurus, macros, on-line help. Multi-tasking and windowing supports multiple fonts, screen editing, table of contents, index generation, and more. Custom printer drivers and PostScript Laser printer support. $199.95
Microillusions

Excellence!
On-line spell checker, grammar checker, hyphenation, thesaurus, table of contents generator, index generator, math columns, graphics mixed with text, multiple sized fonts, colors, PostScript laser support, and more. Runs on 512K RAM, but 1 MB recommended. $299.95
Micro-Systems Software

HomeWord Plus
HomeWord Plus is a word processor that expands as your needs expand. HomeWord Plus is flexible enough so that you can be up and running it within minutes. Beginners will enjoy the introductory tutorial that covers all the basics. Helpful on-screen menus alleviate the need to memorize commands. 80-column and 24-line screen display options. An integrated spelling checker that you can customize. Line spacing, margins, justification, and tab settings adjustable anywhere within the document. Automatic outlining using decimals, numbers (Arabic and Roman), letters and bullets. Underline and boldface type styles. Global search and replace. File linking and file merging. Installable on hard disk. Non-copyprotected, to allow convenient back-up of the program disks. And much more! $69.95 *Sierra On-Line Inc.*

KindWords
Word processor featuring 90,000 word spell check, color graphics environment, superfonts for high resolution printing. $99.95
The Disc Company

KindWords™ 2.0
Multi-featured word processor with fully integrated graphics environment to enable users to crop and manipulate image size in 16 colors within the word processing application. Offers the acclaimed Proximity/Merriam Webster Dictionary featuring a 100,000 word spelling corrector, and the Proximity/Webster Electronic Thesaurus that accepts over 40,000 words and offers 470,000 synonyms. The Thesaurus helps users find the right word by presenting a list of meanings for each query, along with synonyms, antonyms, related words and contrasted words. $99.95 *The Disc Company*

LPD Writer
Work on several projects at once with multiple windows. WYSIWYG display, zoom feature, suspend, multiple file editing, short cut commands, on-line help, footers, formatting, and text enhancemnets. $59.95
Digital Solutions, Inc.

Micro Text
Easy to use word processor with large choice of editing facilities. $24.95
Anco Software USA Inc.

Protext
Protext is a fully integrated word processing package, which combines the features of a word processor, text editor, and a command line interpreter all in one easy to use package. $199.95 *MichTron*

ProWrite 2.5
Word processor puts graphics in your documents with multiple fonts, styles and colors. Can use IFF graphics. Use all the Amiga's capabilities and WYSIWYG display. Print pictures and NLQ text with one pass through the printer. Adjustable page size and print merge are great for making mailing labels. Fast text entry will always keep up with typing speed. Spelling checker with 100,000 words allows both batch spelling checks and checking as you type. Enhanced intuitive interface. $124.95
New Horizons Software

Scribble! Platinum Edition
Incorporates all the features of The Works! word processing module. Includes 104,000 word spell checker with Scientific and Technical supplements, a 470,000 word thesaurus. Also prints IFF graphics. $149.95
Micro-Systems Software

Textcraft Plus
Versatile word processing program features pull-down menus with full editing capabilities: choice of font style, formatting controls, automatic headers, footers, print merge, and on-line help. Includes nine ready-made forms for writing business letters, menus, resumes, reports, etc. Ideal multitasking program for any area of business. $99.95 *Commodore Business Machines, Inc.*

TextPro Amiga
TextPro Amiga is a full-function word processing package that shares the true spirit of the Amiga: easy to use, fast and powerful - with a surprising number of extra features. You can write your first TextPro documents without even reading the manual. Select options from the

Word Processing

dropdown menus with your mouse, or use the time-saving shortcut keys to edit, format and print your documents. ISBN 1-55755-027-1
$79.95 *Abacus Software*

Thinker
Idea Processor combines a word processor, Hypertext and a hierarchical text processor. Can be used as a writing tool, a planning tool, or even a database. Easy to learn, with step by step tutorials. $79.00 *Poor Person Software*

Transcript
Incredibly fast writing/editing tool. The Transcript package consists of a concise main program and an even smaller version called TransSpell, a 90,000-word spelling checker that can work alongside Transcript or stand alone. Ten different ways to move the cursor provides easy access to text operations. Use the cursor keys alone or with SHIFT or ALT. All keyboard shortcuts are listed in the pull down menus. Automatically generates indexes and mail merging. $69.95 *Gold Disk Inc.*

VizaWrite Desktop
WYSIWYG word processing features fast mail-merge, headers and footers, graphics, proportional fonts and some Desktop publishing features. $59.95
Progressive Peripherals & Software

WordPerfect 4.1
Word processor featuring 115,000 word spell checker, thesaurus, macros, math, multiple windows, multitasking, more. $250.00
WordPerfect Corporation

Wordwright
PD word processor with integrated outliner, table of contents generator, mail merge, macros, orphan suppression, hanging indents, help screens, embedded calculations, headers, footers, access to the CLI, underlining, more.
$5. *RTL Programming Aids*

•FOR THE BLIND OR VISUALLY IMPAIRED•

WE Editor
An editor designed for use by the visually impaired. Supports printing using the PROFF formatting utility, or directly to the printer. WE has a line-oriented user interface that can easily be used by the blind. Spelling checker function included. $49.95 *Prairie Dock Software*

•INTEGRATED SYSTEMS•

Pen Pal by Softwood Company
Color WYSIWYG word processor, built-in database, form generator, with great user interface. Multiple fonts. Line/box/border drawing. Imports, resizes, crops any IFF or HAM pictures. Spelling checker with 100,000 word dictionary complement any powerful WP features. The built-in database can be used for customer lists, student files, accounting, and more. Also sorts, selects and merges with your documents. Requires 1 MB RAM, 2 disk drives or hard disk, Preferences supported printer.
$149.95 *Brown-Wagh Publishing Inc.*

The Works! Platinum Edition
The Works! plus two. Upgraded version includes word processing module, telecommunications module, database module, spreadsheet module, sideways printing utility. Programs use common interface, 1 box, easy-to-use manual, and 3 non-copy-protected disks. One user-friendly manual, free technical support for registered users. Cut, copy, and paste between all modules. Comes on 3 copy-protected disks. Requires 512K.
$299.95 *Micro-Systems Software*

•SPELL CHECKERS•

Gold Spell 2.0
90,000 word dictionary, compatible with most word processors. Automatic guess, dictionary scan. Allows use of private dictionaries.
$44.95 *Gold Disk Inc.*

LexCheck
Includes 10,000 word spell check, allows multitasking. Works with ProWrite, VisaWrite, Textcraft, Scribble and many others.
$29.95 *CDA Inc.*

Nancy-A
Spelling Checker and Corrector Largest computer dictionary available. Over 200,000 words. Learns your mistakes and corrects them automatically. Remembers corrections and typos between executions. Works with all text editors, Word processors, database and spreadsheets producing ASCII files. Skips and remembers intentionally misspelled words. Suggests and corrects spellings. Supports Amiga speech, if so desired. Works interactively or unattended. Automatically backs up original files. Dictionary may be enhanced by user. $16.96
The Computer Club Company

Promise
95,000 multitasking word spell checker with spell help, punctuation. $49.99
The Other Guys

•TEXT EDITORS•

TextEd
Easy-to-use, fast text editor. $39.95
Microsmiths Inc.

TextEd Plus
Text editor plus FastFonts, FunKeys, ARP, ARexx, and BlitzDisk. $79.95
Microsmiths Inc.

•UTILITIES•

Cyrillic Alphabets 2.0
Russian, Macedonian, Ukrainian, Serbian & Bulgarian character sets suitable for students, professors, government workers or anyone who needs small to medium-size attractively modelled bitmap fonts for letters, assignments, or as a learning tool. Includes utilities and three keyboard configurations for each language (15 in all). Switch easily between AATSEEL, QWERTY-phonetic & Soviet typewriter keymaps. Full Latin set included in each. Latin & Cyrillic can be combined in one document. Twelve typefaces, about 36 styles, 8 to 42 lines high. Comprehensive 80-page manual, keyboard charts & samples. $44.95
Classic Concepts Futureware™

Flow 2.0
Idea processor helps you organize your thoughts. Built-in outliner gives you major heading with multiple layers of sub-heads and sub-text paragraphs available. Lets you jot down an outline, rearrange or reprioritize by dragging the highlighted heading to where you want it to go. $99.95
New Horizons Software

ProScript
Translates files created with ProWrite into PostScript. Files can be printed on a PostScript-compatible printer or saved as a file to be printed later. Other features allow the user to reduce or enlarge the printout, choose the paper size, mailmerge documents, and control the number of gray shades used for graphics.
$49.95 *New Horizons Software*

Reason
Analyzes writing style and readability, proofreads spelling, diction, and punctuation, then suggests improvements. $395.00
The Other Guys

WordPerfect 4.1 Maintenance Update
This update allows WordPerfect users to access files through a standard Amiga file requester system. This new file requester system provides powerful file management capabilities each time a file is saved or retrieved. WordPerfect users familiar with the program's original file requester can still access files by typing the path and name of the file. The update also allows WordPerfect users to import WordPerfect 4.2 PC files directly into WordPerfect for the Amiga, making it easier to transfer WordPerfect files between the Amiga and other hardware platforms. Improvements have been made to the List Files and Timed Back-Up features in WordPerfect as well as to the Spell Checker. The update also supports automatic edit buffer sizing. The WordPerfect Maintenance Update comes on three disks, and those users with problems in an earlier version who reported it to WPCorp's Amiga Customer Support Department are entitled to receive this update at no charge. $12.50
WordPerfect Corporation

GRAPHIC ARTS

GRAPHIC ARTS

•3D•

3-Demon
Universal 3D object editor allows interactive creation and manipulation of solid objects in a single window. Compatible with VideoScape 3D, Sculpt, Silver, and Forms in Flight. Save objects as standard IFF files. $99.95 *Mimetics Corporation*

3D Professional
Fast, 3D, polygonal rendering software with animation facility. Create professional stunning 3D images in a fraction of the time it takes ray tracing software. Also creates fractal landscapes, trees, and clouds. Price unavailable.
Progressive Peripherals & Software

C-Light
Low-priced 3D animator and ray-tracing program with 3D editor, shadows, mirror surfaces, multiple lights, stereovision 3D
$49.00 *Peterson Enterprises*

Caligari
3D Conceptual Design Software virtual reality, real-time interface. The user actions are identical to manipulation of object in real world.
$249.00 *Octree Software Inc.*

Caligari Broadcast
3D Conceptual design and video animation. Broadcast quality with 16.7 mill. colors. Gouraud, phong, metal and environment shaders, texture mapping, shadows and high quality anti-aliasing. May only be used on systems with bridgeboard and Targa graphics boards. $3495.00 *Octree Software Inc.*

Caligari Pro Animate
3D conceptual design and video animation full production system with object design, scene composition, real-time script preview and full control of VTR's. Only useable with 68020 & 68030 $1995.00 *Octree Software Inc.*

Caligari Pro Design
3D conceptual design virtual reality, real time interface. $795.00 *Octree Software Inc.*

Design 3D
Professional quality modelling package lets you model in wire frames with 6 line types and 16 colors, with dithering to emulate additional colors. 4 views: top, side, front, and perspective; with 4 light sources. Axial extrusion allows for fast modelling of symmetrical objects. Works in High-res interlace, or non-interlace. Requires 1 MB and 1 drive.
$99.95 *Gold Disk Inc.*

Forms in Flight
3D drawing and animation package. Many features. $79.00 *Micro Magic*

Forms in Flight 2
A 3D graphics and animation package.
$119.00 *Micro Magic*

Modeler 3D
For use in animation programs. Provides flexible format for building your objects. Polygons used for creating objects may have any number of points. Use tools such as Flip, Merge, Lathe, and Extrude. Also included are Rotate, Translate, Scale, Mirror, Remap and more
$99.95 *OXXI/Aegis Development*

Opticks
The most powerful ray trace program of its type. Supports the Haitex X-Specs 3D glasses as well as 24 bit-plane output (for the IBM Targa systems and other devices). Surface mapping, picture mapping and an easy-to-use interface.
$99.99 *Incognito Software*

PageRender 3D
3D Static image rendering and 3D animation. Supports stereo vision. Large and flexible object library provides tools to help you build your own object library. Four draw modes, choice of coordinate systems, scrollable display size, automatic geometric restructuring, automatic tracking; automatic script generation tools; generates ANIM Files; compatible with PageFlipper Plus F/X. ARexx support.
$159.95 *Mindware International*

Sculpt-3D
Powerful 3-D drawing program. Solid modeling and ray tracing for the Amiga. $99.95
Byte by Byte

Sculpt-Animate 4D
A significant upgrade from Sculpt-Animate 3D. Not only an essential to videographers, but to doctors and lawyers who can visualize everything from broken bones to litigation demos. Provides the user with an easy-to-use object editor, raytracing and animation ability, performed with amazingly increased speed from SA3D, from three to six times faster. Features: Grids, protractor, helix, scanline rendering, genlockable Tri-view editing, Sculpt-Animate 4D owners will have 30 days of free tech support. $499.95 *Byte by Byte*

Graphic Arts

Sculpt-Animate 4D Jr.
The consumer version of the professional Sculpt-Animate 4D software. Composed for individuals who wish to learn 3D design and animation skills with minimum effort. You control object rotation, camera movements, timing, and action with an easy-to-use graphical interface. Scenes created in any SA package are interchangeable. $150.00 *Byte by Byte*

Turbo Silver 3.0
Turbo Silver 3.0 is a complete Ray Tracing and Solid Model Rendering engine and 3D editor to be used in the creation of photo realistic images and animations. Simple-to-use interface makes generating animations easy. Complete control of the world and camera are part of the Turbo Silver function set. $199.95 *Impulse, Inc.*

Video Effects 3D
TV Network-style 3D perspective special effects generator for the Amiga. Creates super smooth 3D effects using 2D high-res IFF pictures. The user controls each picture's 3D path, speed, tumbles, turns, spins, and zooms, with an interactive real-time wire frame preview. 3D extrusion option creates 3D solid logo from flat text. Super smooth effects playback at 60 fields/sec. $199.95 *InnoVision Technology*

Videoscape 3D
Real-time 3-D animation with many options and many applications. Use diffused or specular lighting on any object in multiple colors in any of four screen resolutions, including full overscan. Image may be saved as IFF image then used in Amiga paint programs. Includes library of objects and images. $199.95 *OXXI/Aegis Development*

World 3D
World 3D is an interactive graphic editor for the DBW_ Render RayTracer. It is compatible with DBW_Render versions 1.0 and 2.x, and runs on any Amiga. It offers speed in designing, editing, & previewing scenes for DBW_Render, with a very friendly interface. World 3D's features include a point and click interface, the ability to save individual objects, compact code that speeds you along, painless Editing with ghosting and much more. $95.00 *Synthetic Reality*

•3D/Clip Art & Objects•

CYBER Graphics Architectural Design Disk Collection of professionally-designed 3D objects and components to be used with the popular 3D modeling programs for the Amiga. Design disks are provided in file formats compatible with Videoscape 3D™, Modeler 3D™, Sculpt 3D™, Sculpt Animate 3D™, and Interchange™. Architectural Design lets you visualize and render real world architecture. Component parts include doors, windows, arches, roofs, walls, stairways, and a variety of architectural constructs. $34.95 *Antic Software*

CYBER Graphics Future Design Disk
Collection of professionally-designed 3D objects and components to be used with the popular 3D modeling programs for the Amiga. Design disks are provided in file formats compatible with Videoscape 3D™, Modeler 3D™, Sculpt 3D™, Sculpt Animate 3D™, and Interchange™. Future Design gives you everything you need to build spacecrafts, space stations, bases, robots and androids to create your own future world. $34.95 *Antic Software*

CYBER Graphics Human Design Disk
Collection of professionally-designed 3D objects and components to be used with the popular 3D modeling programs for the Amiga. Design disks are provided in file formats compatible with Videoscape 3D™, Modeler 3D™, Sculpt 3D™, Sculpt Animate 3D™, and Interchange™. Human Design includes complete male and female prototypes in skeletal form with complex head and hand structures for startling realism and detail. $34.95 *Antic Software*

CYBER Graphics Microbot Design Disk
Collection of professionally-designed 3D objects and components to be used with the popular 3D modeling programs for the Amiga. Design disks are provided in file formats compatible with Videoscape 3D™, Modeler 3D™, Sculpt 3D™, Sculpt Animate 3D™, and Interchange™. Microbot Design includes surrealistic modules to create humanoid and alien cyborgs. $34.95 *Antic Software*

Object Disk #1
A full disk of 3D objects in Sculpt and Videoscape 3D format. Objects include a space shuttle, a human head and figure, a hot air balloon, office furniture and accessories, and a half font of letters. $19.95 *SYNDESIS*

Orbiter/Space Station Data Disk
Allows Sculpt/Animate 3D owners to create their own vision of America's space program. $69.95 *Byte by Byte*

Graphic Arts

•3D/Fonts•

Fancy 3D Fonts
Available in Sculpt-Animate Version or Turbo-Silver Version. Each version contains a two disk set of 3 proportionally sized fonts called Bold, Ital, and Fran and emulate the font sets traditionally known as Helvetica Bold, Bookman Italic, and Clarendon Medium. Each font set includes upper case, lower case, numbers (except Bold), symbols and many international characters. $79.95
Access Technologies, Inc.

Living Logos Fonts
A 3D font set containing 3 complete 3D fonts. All fonts are in both Sculpt 4D and Turbo Silver formats. First in a series. $39.95
Joe's First Company

Lons Fonts
A collection of InterFont compatible font sets. Can be used with any of the major 3D rendering packages available for the Amiga. Featuring seven complete fonts with upper/lower case, punctuation, and numerical characters defined. $29.95
Micro Momentum, Inc.

Master Fonts 3D
Group of fonts selected for their excellent 3D properties. For use in VideoScape 3D and Sculpt 3D for production of high quality animations. $29.95 *T.S.R Hutchinson*

Tate Fonts I
3D titling. Three fonts includes Tube, Slots, and Prism. $69.95 *Byte by Byte*

InterFont (Includes InterChange)
InterFont turns your 3D modeling program into a video titling system. If you add text to your renderings and animations, InterFont is a valuable part of your Amiga graphics system. Automatically create text objects for 3D modeling and desktop publishing programs. InterFont includes the InterChange system and modules for Sculpt 3D, VideoScape 3D and Aegis DrawPlus. Version 1.2 now includes 20 different InterFonts and the Professional Draw Converter Module, which makes InterFont text for Gold Disk's Professional Page and Professional Draw. $119.95 *SYNDESIS*

•3D/Utilities•

3D Options
Auto tracing, image creation and file conversion package. Allows you to take an IFF bitmapped picture and convert it into an object which can be used in various 3D programs or CAD packages. File formats supported include : Videoscape 3D, Aegis Draw, Post Script, DXE (AutoCAD...), Professional Page, Modeler 3D, Interchange, MCAD and more. $49.95
Rainbows Edge Productions

Aegis Pro/Motion
Professional Motion Editing environment for VideoScape 3D motion files. No more tedious building of x-y-z coordinate tables to control object motions. Aegis Pro/Motion allows fast creation of motion files by clicking on objects on-screen in a dynamic motion editing environment. Keeps track of up to 25 objects plus the camera. You can preview animations for instant feedback and stop at any point. Utilizes special effects such as wind, gravity, and magnetism to duplicate natural movements, to create uncanny real motions. Create and edit motion files in a tenth of the time of normal data entry. Spend time creating instead of waiting. $99.95
OXXI/Aegis Development

DigiWorks 3D
This new product will take digitized images, the latest in Amiga characters and clip art, or two dimensional graphics from painting or image processing programs and convert them into 2D and 3D objects to be rendered and animated in powerful 3D rendering programs. A fast polygon fill algorithm has been implemented along with 2D to 3D extrusion options so that objects will be ready to directly load and render in a 3D rendering program. Specific tools and options include Vertex Level Editing, User Definable Screen Colors, Freehand Drawing, Absolute and Relative Coordinate Measurements, Adjustable Tracing Accuracy, and Output sizing Controls, among others. $129.95
Access Technologies, Inc.

Forms in Flight Conversion Module
Converts to and from the Forms In Flight 1.0 format. Matches color palettes between objects and scenes. $19.95 *SYNDESIS*

InterChange
A proven system for sharing objects between 3D modeling programs. Includes modules for Sculpt 3D and VideoScape 3D formats. Take advantage of the best of each 3D program. Use one program for making objects, another for generating images. Expandable into the future through additional modules for other formats and object manipulation tools. $49.95 *SYNDESIS*

Turbo Silver Module Pack
A six-pack of Modules for InterChange and InterFont, including Modules for both Turbo Silver 2.0 and 3.0 formats, and four other Modules for manipulating objects. The Scale Tool enlarges and shrinks objects, the GridSnap Tool aligns the points of an object to a given grid, and the PointReduce Tool helps you get the best results with smooth objects. The Statistics Converter creates a file of information about an object, including exact point locations, edges and faces. Polygon colors can be shown in raw RGB values, English color names and VideoScape 2.0 color numbers.
$29.95 *SYNDESIS*

•ANIMATION•

(see also Paint & 3D)

Aegis Animator/Images
Three animation techniques combined in a desktop video system. Uses tweening to control the movement of objects during animation. Also supports page flipping, and Metamorphic animation, allowing you to create an object then change its shape. Includes paint system and public domain animation player program. Full-featured paint system with over 4000 colors. Color palette contains 16 adjustable patterns and options. Wide range of tools including freehand drawing, lines, fills, adjustable airbrush, rectangles, polygons, triangles, more. Editing functions, resizing and rotating options, two painting screens with separate palettes, more. All files use IFF standard. $99.95
OXXI/Aegis Development

Amiga Graphics Starter Kit
A bundle of four beginner's graphic products for the budding Amiga graphics enthusiast. Includes Aegis Images, Animator, Draw and ArtPak as well as Arazok's Tomb just for grins.
$99.95 *OXXI/Aegis Development*

Animate-3D
Allows you to animate Sculpt-3D programs
$149.95 *Byte by Byte*

Animation: Apprentice
Includes shading, highlights, scripting playback, record, object editor, texture mapping.
$299.95 *Hash Enterprises*

Animation: Effects
Flip, scroll, fade titles or any IFF picture. Includes specular and diffuse reflection. Full transformations $49.95 *Hash Enterprises*

Animation: Flipper
Pack a series of IFF pictures so that they animate in real time. Batch entry for cycling. A Pencil-Test program. $59.95 *Hash Enterprises*

Animation: Quick2D
Animation: Quick2D elegantly and efficiently creates interesting 2-1/2D animations. Think of

2D animations as cardboard cutouts with pins holding them together at the joints. You can define the hierarchy of the cutouts so that is an arm moves, so does the hand. Each cutout can be on a different layer so that a character can pass between objects. Motion is Keyframed and interpolates between frames automatically. Quick2D supports multiple IFF resolutions, including overscan, PAL, and HAM. It saves animations in the popular ANIM opt 5 and Has formats, and has real-time wireframe preview. $79.95 *Hash Enterprises*

Animation: Rotoscope
Animation paint program featuring two layers. $79.95 *Hash Enterprises*

Caligari Broadcast
3D Conceptual design and video animation. Broadcast quality with 16.7 million colors. Gouraud, phong, metal and environment shaders, texture mapping, shadows and high quality anti-aliasing. May only be used on systems with bridgeboard and Targa board. $3495.00 *Octree Software Inc.*

Caligari Pro Animate
3D conceptual design and video animation full production system with object design, scene composition, real-time script preview and full control of VTR's. Must be used with 68020 or 68030 board. $1995.00
Octree Software Inc.

Castle Construction Set
Specific brushes for Caligari owners/users that can be exported to paint programs for further rendering. Build an infinite number of castles and fortresses. Available March 15,1990. $89.95 *Eyeful Tower Communications*

Direct Animation
Direct Animation is a straight forward cell animation system which lets you place animations on backgrounds without having to program in the motions or set up complex data structures. Direct Animation has over 75 powerful commands, a built-in framer, sounds, multiple backgrounds, face up and down, and text. Allows animations of over 25 minutes long, without looping, with only 1 megabyte of memory in Amiga 500, 1000, 2000, 2500. Available October 1, 1989. $49.95
Skyles Electric Works Inc.

Elan Performer
Put all of your Amiga graphics in one place. Precise automatic sequencing or direct manual display from keyboard or mouse. Bring together imagery from your paint and animation programs into a single presentation. Powerful utilities let you cut animations into individual frames, splice any imagery into an animation, or convert animations between RIFF and ANIM formats. Control frame-by-frame, forward, and reverse playback of animations with mouse movements or arrow keys. Multitask with music and sound software. Supports IFF, HAM, RIFF, ANIM and RGB formats. Works with DeluxePaint, DigiPaint, PhotonPaint, Videoscape 3D, Zoetrope, Turbo Silver, Sculpt and INVISION, minimum 512K of RAM. Handles all Amiga resolutions. Available in PAL or NTSC video formats. $59.00 *Elan Design*

Fantavision
Easy-to-use animation for beginners and advanced users. Features object-oriented drawing tools, digitized sound effects, tweening, and transformation. Fanatavision can generate 64 intermediate animation images for every frame drawn, resulting in amazing magic motion and special effects. $59.95
Broderbund Software Inc.

LightBox—The Drawing Tool for Animators
Allows the animator to draw in the traditional manner with increased productivity. Instant feedback via flip function. Developed by traditional cell animators, LightBox software allows you to create and draw animation, letting your Amiga do the work of sorting and remembering your inbetweens while you are free to enjoy the process of drawing. It automatically sorts and displays the previous and following drawings for reference and provides instant feedback via the flip function.
$189.00 *R & D L Productions*

Lights, Camera, Action!™
Combines IFF pictures, ANIM-style animation, Aegis Sonix scores and IFF sampled sounds into complete presentation. For businesses, trade shows, educational presentations, product demos, in-store advertising, and more. Supports the Aegis/Sparta ANIM format; allows IFF sampled sounds and instruments and Sonix-style SMUS scores to be included in presentations. Creates scripts in each Amiga resolution; supports overscan, HAM, and scene transitions and special effects. $79.95 *OXXI, Inc.*

MovieSetter
Novice animation program lets you create action cartoon sequences with full stereo sound, in minutes. Easy to use interface allows you to rapidly produce complex animation sequences several minutes long with only 1 MB of memory. Use built-in, professionally drawn movie clip files or make your own 32 color images from within the program. Imports IFF graphics, generates sounds, and attaches stereo sounds to characters. Special features include color cycling, 60 frame/sec. playback, and linear and optical guides to help you create special animation effects. Full overscan lets you save features to your home library. Requires 1 MB and only 1 drive. $99.95 *Gold Disk Inc.*

PageFlipper
Desktop video/animation will script any IFF images, including HAM and overscan, with a simple interface $49.95
Mindware International

PageFlipper Plus F/X, Version 2.0
Full-screen IFF image and special effects program. All resolution levels; all modes. Tutorials help you tailor your animations for maximum speed (in low-res 40-60 frames/sec., hi-res 20-30 frames/sec.). Well-designed interface, interactive script editor, context sensitive help facility, virtually unlimited full-screen, ANIM support, player program. Loops-within-loops, animations upside-down or left to right, global or frame-by-frame foregrounds. Color cycling, palette changes, more. PageFlipper Plus F/X 2.0 will also come with PageSync, a recently-announced peripheral software utility from Mindware that lets anyone synchronize Amiga graphics with external MIDI devices, such as synthesizers, drum machines or other computers running MIDI sequencing software $299.00 *Mindware International*

Photon Video Cel Animator
Animates and plays back in any sequence. Allows color and sound synchronization. Continuous play option replays screens in continuous loop. Sound synchronization, color. Fully compatible with most art, animation, and rendering software. $149.95 *Microillusions*

The Animation Studio
The Animation Studio is the first computer package to provide an easy-to-use interface with techniques based on feature film animation. Features include onion skin technology, full paint functions, Disney animation tutorials and a library of Disney character and background art. Available April (approx.), 1990. Price Unavailable
Walt Disney Computer Software, Inc.

The Director
Animation/presentation language compatible with IFF pictures, sounds, and ANIM files. Performs dissolves, wipes, page flipping, more. $69.95 *The Right Answers Group*

The Talking Animator
Easy to use page flipper. Lets each frame have its own palette of colors from 4096. Incorporates talking text into any page of graphics to give you the ultimate doodle pad to create stories or cartoons. All documentation on-line, just press

Graphic Arts

the HELP key. Ghosting feature lets you see images from previous pages for graphics placement and smooth animation. The output works well with genlocks. Runs with 512K, but 1 meg recommended. Shipped with data disk full of animations and details for submitting your creations to the The Talking Animator.
$49.95 *JMH Software*

Zoetrope
System for your Amiga with the functionality and features found only on high-end graphic systems. Create 2D animated fantasies, animate 3D images. Contains all the standard paint tools: brush, box, rubber, line fill, etc. Works with Live!, Aegis Animator, Videoscape 3D, and Aegis Titler IFF Images. $139.95 *Antic Software*

•ANIMATION/Utilities•

AMIGA-SF
3D rendered ANIM brushes of Science Fiction subject. This first release centers upon animated space-ships. All are in Hi-Res, ready to be used in animated movies. $69.95
Eyeful Tower Communications

Ani Motions
A collection of animation scripts that allow you to realistically simulate various human motions. Included are mannequins of various complexities, which are intended for use with the scripts and sculpt 4-D. $49.95-U.S., $54.95-CANADA *Sama Software Inc.*

Animagic
Animagic lets you perform amazing special effects with both IFF picture files and ANIM-style animations. Create spectacular DVE effects with your favorite pictures or ANIM's from VideoScape 3D, VideoTitler, or Deluxe Paint. You can even design your own unique effects. Using the powerful ANIM editor, the resulting ANIM files can then be edited, enhanced or spliced together for longer movies. Includes sample animations and pictures and a special math coprocessor version of the program for Amigas equipped with 68020 and 68881 processors. $139.95 *OXXI/Aegis Development*

Animated Fonts
A two disk set of animated brushes. DISSOLVEFONT comes in two sizes, POURFONT pours letters on screen, 3D FONT rotates a full 360 degrees, and COMICFONT-really wild! Includes all uppercase letters, numbers and some punctuation. Over 270 animated brushes. $39.95 *Anivision*

Animation Station
Storyboard animation editor for editing and manipulating standard, Op-Code 5 Amiga animations. Thousands of special effects. Combine multiple animations into one, or place one animation on top, behind, at the beginning or end of another. $99.95
Progressive Peripherals & Software

Animation: Editor
Animation resolution and format conversion, plus editing. $59.95 *Hash Enterprises*

Animation: Libraries
Library of objects for use with Animation: Apprentice. Including Dragons, Knights, people, Christmas and Dinosaurs. $24.95
Hash Enterprises

Animation: Multiplane
Multilayering and special effects for animations. $89.95 *Hash Enterprises*

Animation: Soundtrack
Soundtrack synchronization and editing for ANIM compatible animations. $119.95
Hash Enterprises

Animation: Stand
Performs functions similar to a real camera animation stand. Includes distortion and zooming. A must for the serious animator.
$49.95 *Hash Enterprises*

Digimate 3
This animation facility allows one to open, append to, and play ANIM format animations interactively. Since these animations can be stored and played from RAM, hard drive, or even floppy, the animation size is limited only by the storage capacity of one's hard drive. Digimate 3 also includes powerful ANIM processing cpability, allowing the videographer to convert entire animations with the click of the mouse. Digimate 3 opens up an entirely new world of creativity to graphics users seeking to take advantage of the photorealistic qualities of HAM imagery. $39.95 *Mindware International*

Fractal Movie 1
Multi-frame fractal animations made with HAMandel and AutoMag (FractalPro) in 256 color HAM graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. $10.00 each or all 3 for $25.00 ($2.00 shipping) *MegageM*

Fractal Movie 2
Multi-frame fractal animations made with HAMandel and AutoMag (FractalPro) in 256 color HAM graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. $10.00 each or all 3 for $25.00 ($2.00 shipping) *MegageM*

Fractal Movie 3
Multi-frame fractal animations made with HAMandel and AutoMag (FractalPro) in 256 color HAM graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. $10.00 each or all 3 for $25.00 ($2.00 shipping) *MegageM*

FractalPro
Two disk set includes AutoMag 3.0 to generate beautiful, smooth animation sequences of the Mandelbrot Set, Julia Sets, and related cube sets in 256 colors using Amiga's HAM graphics mode. Provides six directions of panning and zooming motion. Also includes HAMandel 3.0 for still picture exploration of the same fractals in 256 color HAM graphics. Zoom in up to 10 trillion magnification, 68020 support. Compatible with other HAM graphics programs. $89.95 ($2.00 shipping) *MegageM*

KARA FONTS-AnimFonts 1™
ChromeSCRIPT is an 8 color, Formal script in caps & lower case and comes in both a Keyboarded and an AnimFont. Each letter appears to be handwritten across the screen. Additional palettes included along with utility programs to use ColorFonts. $49.95
KARA Computer Graphics

KARA FONTS-AnimFonts 2™
Bullion is a dimensional, beveled, highlighted uppercase Gothic 8 colorfont and comes in both a Keyboarded and AnimFont. The AnimFont rotates onto the screen 90 degrees on the 4 axis to the left while a glint of light travels across the face. Also includes additional palettes and utility programs to use ColorFonts. $49.95
KARA Computer Graphics

Mars I
A source code tool kit that allows programmers to create custom real-time animated graphics that derive their energy for change from audio-if the MindLight 7 audio processor is used-or from mouse movements. Source code is provided that reads the sound data produced by the MindLight and the data supplied by the mouse. Example graphic routines are provided to get started.
$37.00 *Visual Aural Animation*

Media Line
Video & Animation Backgrounds I All backgrounds are made with standard VideoScape 32-color palette. Works well with other animation packages. The 30 backgrounds are situated in four drawers, Scenic, Textbacks, Structures and High Tech. Backgrounds are in interlaced lo-res to get maximum resolution and in overscan to eliminate borders when transferring to videotape or film.
$39.95 *Free Spirit Software*

Graphic Arts

MovieClips
Additional backgrounds, animations sequences, and sounds for MovieSetter. Can be used with any IFF program. $34.95 *Gold Disk Inc.*

PageSync Module for PageFlipper Plus F/X V. 2.0.
Allows external MIDI devices to drive animations in PageFlipper Plus F/X, and allows animations to drive MIDI devices. Also allows sound synchronization with AMIGA sound.
$99.95 *Mindware International*

Toolkit for The Director
This disk is packed with features and enhancements to expand the capability of The Director. New wipe routines, a palette selector, a pie chart generator and more. The new and enhanced BLIT Utility has a powerful interface to help create Wipe, Dissolve, and BLIT operations. It also automates the process of moving an object over a background, generating a complete working script. $39.95
The Right Answers Group

WHOOSH !
ANIMbrushes created with Mindware's PageRender 3D for DPaint III animations. This first series is called Plato's Revenge. Available February 1990. $24.95
Eyeful Tower Communications

• CAD •

Aegis Draw
Introductory drawing system. Create structured drawings, up to 256 layers of information. Pull-down menus, prompts, multiple menu support allows you to work on different parts of one drawing or different drawings simultaneously. Also works with digitizer. $79.95
OXXI/Aegis Development

Caligari Pro Design
3D conceptual design virtual reality, real time interface. $795.00 *Octree Software Inc.*

Draw 2000
A powerful two-dimensional CAD system. Create structured drawings, up to 256 layers of information. Unlimited zoom levels, auto-dimensioning, and the ability to edit any line at any time are just a few of the features that make this program the solution to most CAD application needs. $279.95
OXXI/Aegis Development

Dynamic CAD 2.3
Easy to learn, easy to use, flexible drafting system with many features. Produce mechanical and architectural drafting, pert charts, piping diagrams, electrical diagrams and electronic schematics with associated net lists. Also printed circuit boards integrated circuit designs. Auto-dimensioning, editing functions, group functions, and more. $499.95
Microillusions

FLO, Floor Plan Construction Set
An aide to floor plan design. Industrial standard libraries of home and office furnishings. Create and arrange rooms and areas, and print in several scales. $49.95 *Gramma Software*

HomeBuilders_CAD
3D Design and Estimating System for the home and small commercial construction. Users of this product include contractors, home owners, movie set designers, medical office designers, pig farm designers, real estate brokers, architects and cabinet makers. Features include PAN, ZOOM, ROTATE, ADD TEXT, COPY, creates multi story buildings, 20 acre drawing area, calculates material, labor and overhead cost estimates. $199.00 *EaseWare*

IntroCAD
User-friendly, object oriented CAD program. Delivers laser-like output on dot matrix printers. $79.95 *Progressive Peripherals & Software*

IntroCAD Plus
Like IntroCAD, but more powerful. Adds layers, hatching, ARexx support and more drawing tools. Also has user-definable keyboard equivalents. $149.95
Progressive Peripherals & Software

LogicWorks
Digital logic simulator $99.95
Capilano Computer Systems

LogicWorks 2.0
Combined schematic diagram and digital simulator $299.95
Capilano Computer Systems

PRO-BOARD
PCB (Printed Circuit Board) layout package. Many features. $475.00 *Prolific, Inc.*

PRO-NET
Schematic capture package. Many features. $475.00 *Prolific, Inc.*

UltraDesign
Professional CAD system: Auto-Dimensioning, endless layers, full library support, user definable keyboard commands and menus. Paste-up module for plotting and scaling single or multiple drawings for output over one or several pages Easy to use! $399.95
Progressive Peripherals & Software

X-CAD Designer by CADVISION
X-CAD Designer is a full-featured, professional, two-dimensional design and drafting tool. Easy to use and learn, pull down menus and a comprehensive tutorial to guide the novice through the early stages of learning, while advanced users may configure the system to suit their own needs. $149.95
American Software Distributors

XCAD
2-D design and drafting tool, optional user configuration and optional on-line manual. May be driven entirely by the mouse and screen menus. Automatic menus and full on line manuals. User-definable symbol libraries, auto-dimensioning, sophisticated text features, selectable real-world units. $599.95
Haitex Resources

• CAD/Parts •

3D Elevation Library CAD/CAM
The Library contains assorted 3D Elevation drawings and parts that are keyed to work in conjunction with other volumes in the Madrigal Architectural Library system. $89.95
Madrigal Residential Designs

CAD Parts
Listing of over 150 electronic parts used for designing circuits. Can be used with IntroCAD and Aegis Draw. $24.95 *East/West Software*

Elevation Library
IFF Clip Art. The Library contains assorted elevation screens and brushes, and may be used either separately or in conjunction with other volumes in the Madrigal Architectural Library system. Available Winter 1990. $59.95
Madrigal Residential Designs

Elevation Library
The Library contains assorted elevation Drawings and Parts, and may be used either separately or in conjunction with other volumes in the Madrigal Architectural Library system. Available Winter 1990. $89.95
Madrigal Residential Designs

Floor Plan Library
A set of floor plan parts and bath, kitchen, room modules saved as IFF screens for use with paint, desktop publishing and presentation programs. $59.95 *Madrigal Residential Designs*

Floor Plan Library CAD/CAM
This library is a 2 disk set consisting of over 220 room parts and 32 bath & kitchen room modules for use with Aegis 2D CAD program, Aegis Modeler 3D, and Gold Disk Pro Page programs. $89.95 *Madrigal Residential Designs*

Graphic Arts

Framing & Foundation Library
A set of 45 drawings showing different foundation and framing conditions for wood construction. This 2 disk set also contains over 120 parts for use in the creation and modification of construction details, for use with Aegis 2D CAD format programs as well as Aegis 3D and Gold Disk Pro Page programs. $89.95
Madrigal Residential Designs

Interior Design CAD/CAM
A set of furniture parts for use with Aegis 2D CAD format programs. Contains over 275 different furniture pieces for use in interior design, concept development and presentations. Designed to be used with or with out the Floor Plan Library. $89.95
Madrigal Residential Designs

•CAD/Utilities•

Gerber Driver
Complements the PCLO circuit board CAD program from SoftCircuits Inc. by converting the DMP plot files produced by PCLO into Gerber Scientific data files used by laser photoplotters. Plots generated by laser tend to make better production-quality circuit boards than those produced using standard pen plotters. Includes a program named View which allows either DMP or Gerber files to be magnified and inspected before the final plot is actually generated.
$199.00 *Visual Aural Animation*

HomeBuilders_Choice
Custom Part Library and Building Parameter Editor for HomeBuilders_CAD. Users include HomeBuilders_CAD owners who want to create parts not available in HomeBuilders_CAD, and HomeBuilders_CHOICE. Also edits HomeBuilders_CAD building parameters such as wall stud centers and joist sizes. $81.00
EaseWare

HomeBuilders_Print
Produces blue print quality printouts from HomeBuilders_CAD drawings using high density dot matrix printers, lasers or HPGL compatible plotters. Will generate IFF and Aegis Draw Plus files. Also produces solid and cut away views. $117.00 *EaseWare*

PlotPrint
Transforms vector-oriented pen-plot data files created by CAD/scientific/spreadsheet programs into high-resolution bitmaps that allow any graphics printer to be used instead of an expensive pen plotter. Features include full HPGL interpreter that translates all HPGL commands. Compatible with all printers; works in all resolutions; any size printout; handles any drive configuration; Intuition; 50-page manual; interactive or batch modes. Prints B size drawings (11 x 17) directly with wide printer or in two panels with narrow printer. $50.00
Hi Tech Graphics

PlotPrint Version 2
68020/68881 version of PlotPrint
$100.00 *Hi Tech Graphics*

SpeakerSim V1.1
CAD package for designing and optimizing loudspeaker systems. Design new systems or optimize existing ones. Analyzes speakers and enclosures via the Thiele-Small Vented model. Features a variety of graphing modes, user-updatable, driver data files. Full color control, 640 x 200 or 640 x 400 screen resolution. Prints to any WorkBench-supported screen, saves in IFF format, and more. Requires 512K.
$112.00 *dissidents*

The ACAD Translator
The ACAD Translator provides the Amiga user with a much needed link with the professional CAD market. Produce stunning color image renderings and animations. Also use Amiga translation programs to convert this data into formats for use in Videoscape, Turbo Silver, or other 3D rendering programs. The ACAD Translator is fully multi-tasking and is executible from Workbench or CLI and will convert all AutoCAD and compatible Rev.9 files and many Rev.10 files as well. $179.95
Access Technologies, Inc.

XShell
X-Shell is not a program, but, as its name implies, a shell, which consists of two disks and the Manual. One purpose of a software shell is to surround a target program and replace its user interface with another, more easily used, presentation. The target program of X-Shell is X-Cad. X-Shell shuts off X-Cad's three main on screen menus and uses its own four on screen menus. X-Shell's user friendly menus access virtually all of X-Cad's features. Xshell also contains all the startup sequence, workbench, and AmigaDOS files necessary for booting and operating the Amiga. $199.00
GRAFX Computing

•PAINT•

Amiga Graphics Starter Kit
A bundle of four beginner graphic products for the budding Amiga graphics enthusiast. Includes Aegis Images, Animator, Draw and ArtPak as well as Arazok's Tomb just for grins.
$99.95 *OXXI / Aegis Development*

ChromaPaint
Supports half bright modes NTSC, PAL and any number of fonts. Use as many screens as memory allows. Features include: zoom, brush, color cycling, printing, clip board and animation generation features. $49.95
Designing Minds Inc.

DeluxePaint II
Paint program with over 90 features, including stencil, fill, 2-D and 3-D perspective, anti-aliasing, 32 color palette, shadows.
$69.95 *Electronic Arts*

DeluxePaint III with Animation
First in a new class of software that integrates paint with animation. Program actually paints animation by allowing users to AniPaint™ a series of screens the way they would paint a single screen. Also allows user to paint and create with multi-frame Animated Brushes to create animations like birds in flight. Integrates animation with its perspective capability in a feature called Move, which allows user to define a brush, the distance for it to travel, a rotation, and the number of frames for it to move across. Other features include extra-halfbrite support, wrap mode, tint mode, direct overscan and much more. $149.00 *Electronic Arts*

DeluxePhotoLab
A new paint and print program that combines three powerful graphics tools in one package. Integrates the features of a paint program, color processor and poster maker, providing serious artists with colors, larger canvases, greater graphic flexibility and palette manipulation utilities. A companion to DeluxePaint II, it gives users the power to create and manipulate photographic-quality images with 8 different levels of resolution, using any of the Amiga's graphics modes-including the 4,096-color HAM mode. Alter the images with 18 different painting modes such as Average, Blend, Add, and Subtract which provide subtle mixing of colors and images. $149.95 *Electronic Arts*

Diamond
Paint program supports all color modes. All modes support picture sizes up to 1024 x 1024 pixels, including overscan in all modes. Supports IFF brush and picture formats as well as RGBN support for Silver. Includes full complement of brushes and effects.
$79.95 *Impulse Inc.*

Digi-Paint
Fully utilizes the Amiga's graphic capabilities. Special features include shading, tinting, blending, complete drawing tools. Closest thing to paint and brush on the market.
$59.95 *NewTek*

Graphic Arts

Digi-Paint 3
So much more powerful than Digi-Paint, we skipped a number. New features include full Amiga font support with anti-aliasing of text, an extended set of drawing tools with resizable built-in brushes, and user-controllable 3D texture mapping. New display features include support for autoscrolling bitmaps up to 1024 by 1000 pixels, user definable overscan, and changing screen resolutions on the fly. Digi-Paint 3 has been written in 100% assembly code for the fastest time of any HAM paint program and also features a complete set of keyboard shortcuts for experienced users. Digi-Paint 3 now includes image-processing software available only to Digi-View owners, including the ability to transfer images between resolution modes and display up to 768 x 480 using NewTek's exclusive dithering algorithms for the highest color and picture resolution. $99.95 *NewTek*

Express Paint 3.0
Full-function paint program. Virtual pages, unlimited undo's, and 3-D perspective; rotating, distorting, stretching, and mirroring. Excels in text handling and printing; is the only paint program that provides text fill into and around irregular shaped objects. Control font styles, sizes, justification, margins and line spacing to and from text. Supports PostScript, colored banners, and poster-sized output. Color cycling, 3-D anti-aliasing tools, gradient fills, more. $139.95
OXXI, Inc.

Graphicraft
This powerful yet easy-to-use graphics and design program lets you create anything your imagination can think of. Choose any 32 colors from Amiga's total of 4096 colors. $49.95
Commodore Business Machines

HAMandel Version 3.0
Fractal art and exploration program using 256 color HAM graphics mode for the most beautiful Amiga Mandelbrot Sets, Julia Sets, and related cube fractal sets. Very convenient user interface control of colors, zooming, un-zoom, load/save (IFF STANDARD), color cycling. Built-in 68020 support. Zoom in up to 10 trillion magnification. Fast, efficient all assembly language. Upgradable to FractalPro. $49.95 ($2.00 shipping) *MegageM*

Icon Paint
Includes icons up to 320 x 100 pixels, 10 Draw commands, 16 color workbench icons, second workbench screen. Accepts images created in many paint packages (IFF compatible). $39.95
Memory and Storage Technology, Inc. M.A.S.T.

Living Color PaintBox
This is the next generation paint system for the Amiga. PaintBox is a virtual color resolution paint system included with all of our paintbox products. A version of Living Color Paint Box is also available for the Amiga in all of its resolutions and drawing modes including HAM.. Available Soon Included in price of Living Color Frame Buffer-not available separately (see Hardware:Video/Frame Buffers) Price unavailable. *Digital Creations*

Photon Paint
HAM paint program with many features. Convert IFF files to HAM format. Extensive brush manipulation functions: tilt, rotate, resize, mapping, and luminance. Also, blending, adding and subtracting colors, full control of dithering. Supports PAL, overscan, and NTSC. $99.95
Microillusions

Photon Paint 2.0
New features include multiple swap pages that can be run by special animation function, alternative drawing sources: rub through, Pantograph, and brush-patterns; ColorFont support; Cycle Draw. New drawing modes include: and, Or, Xor, Add, Subtract, Maximum, Minimum, Use H, and Use H&S. New tools include air brush with definable spray area, fill polygon tool, and polygonal brush cutter.
$149.00 *Microillusions*

Spritz
Entry level paint program that boots up in less than 5 seconds. Features include multiple active brushes, load an entire cut drawer at once, unlimited undos, works in all resolutions, grab any screen from within the program, supports Smart-Link interprogram communications system and works with Express Paint and Icon Magic. Supports up to 64 colors and page size only limited by Chip RAM. Comes with entire Award making kit to be used with the programs unique Power Borders feature which lets you make any cut or brush into a dazzling border or frame automatically. Borders can be larger than the screen. $79.95 *OXXI, Inc.*

The Graphics Studio
4,096 color paint program with zoom pixel-by-pixel editing, flipping, rotating, more. $49.95
Accolade

•PAINT/Clip Art, Objects & Borders•

(see also DESKTOP PUBLISHING/Clip Art)

AMIzoo
First three disks (Frogs, Fish1, and Birds1) of full color Animal brushes in an eventual 30+ disk set. Each volume will focus on a specific animal or species. $44.95 (3 disks)
Eyeful Tower Communications

Oriental Desk Top Art Vol.1—Vol.4
Oriental Desk Top Art are clip art files which can be used in desk top publishing applications on the Amiga Computer. The clip art files are black and white, high resolution (640 x 400) images, in IFF format. Oriental Desk Top consists of four volumes. Vol.1 consists of 60 general oriental art work. Vol 2 consists of 84 oriental martial art figures. Vol.3 consists of 84 oriental folk art work. Vol.4 consists of 140 commonly used Chinese characters. $29.95 per volume +$3.00 shipping *Software Integration Solutions*

PROPS
A 2-disk set of HAM brushes (Animals, Structures, Trees) created specifically for Brett Casebolt's Scene Generator 2.0.
$24.95 *Eyeful Tower Communications*

World Symbol Library (Vols. 1-3)
The 1st three volumes in an eventual 30+ volume set of world mystical, religious, and ritualistic symbols. These 1st three volumes focus upon dynastic Egypt and Celts. All are in Hi-Res (color & grayscale). $44.95
Eyeful Tower Communications

WRAP Session #1
Eight disks of new superlative Hi-Res wraps for your favorite paint program. $79.95
Eyeful Tower Communications

Aircraft Pics
Two disks full of high resolution 16-color and 16-level grayscale clip-art images of aircraft, helicopters, dirigibles, fighters, bombers, transports and civilian aircraft. WWI to present, several countries. Includes Sopwith Camel, Fokker, F4 Phantom, Mig 31 Foxhound, Huey, Chinook, Concorde, Learjet. For videos, desktop publishing, school and business presentations. Requires 512K and a paint program.
$49.95 *Tangent 270*

Art Nudes
Can be used for desktop publishing and desktop video. Choose from hundreds of HAM and IFF pictures featuring Exotic Nudes to Ocean Sailing. DA and P Sampler disks including a catalogue available for $10 each. DA Sampler and 15 disk set Picture Library do not include nudes. You must be 18 years or older to order the Art Nudes. Art Nudes $25/3 disks, $75/9 disks; Picture Library $125/15 disks
DigitalArts/257

Art Parts Volume 1
Over 175 color images for use with Deluxe Paint™, Deluxe Video™, and Deluxe Print™ productions. Maps, faces, graphs, birds, Africa, dinosaurs, and more. $29.95 *Electronic Arts*

Graphic Arts

Art Parts, Vol. 2
Buildings, people, animals, plants and vehicles. Over 100 brushes. $29.95 *Electronic Arts*

Artistic Expressions
Quality, affordable clip art. Volume1 includes holidays, cowboys, business, old English monograms. Volume 2 includes home, teddies, music, flowers, elegant monograms. Over 150 borders and graphics on each disk, gray scale shading, all in high resolution and example files on each disk. $49.95 each
PCM Industries

Bird Pics
Ten screens of clip art, 16-color, high resolution images of 50 species of birds. For use in designing greeting cards, stationary, special gifts, in desktop publications or videos. Requires a paint program, 512K. $29.95
Tangent 270

Brummbar's Backgrounds
Series of backgrounds, brushes, objects, and palettes compatible with any IFF program. Recognized throughout the industry as a master Amiga palette. Backgrounds include not only paintings, but brushes, and new AnimBrushes which may be used in combination with the backgrounds to create master artworks. Brummbaer also includes his personal tips for design and production in Electronic Art's Deluxe Paint III, though any Amiga software may be used with the Backgrounds. Filled with rich colors and bold themes $79.95
Software Sensations

Build'Em™
Figure construction set of faces, arms, legs, hands, to help artists and non-artists draw realistic figures better and faster. Over 500 drawings on 25 screens done by professional figure artist. Requires paint program with invisible background and free cut rotation.
$23.50 *The Picture Box*

Castle Construction Set
Specific brushes for Caligari owners/users that can be exported to paint programs for further rendering. Build an infinite number of castles and fortresses. Available March 15,1990.
$89.95 *Eyeful Towers Communications*

China Pics
Eleven screens full of Chinese images for desktop publishers, video producers, artists, and educators. Includes: Dragons, cranes, bats, lotus and chrysanthemum designs, scenes from antique Chinese scrolls and over 250 Chinese characters symbolizing love, friends, prosperity, more. English translations and a pronunciation guide included. Also one screen is devoted to the Chinese zodiac and the European-equivalent signs. Requires paint program, 512K.
$34.95 *Tangent 270*

Christmas Pics
A collection of 101 clip-art images for the Christmas season, 16-color, high-resolution images include scenes and greetings from antique Christmas cards—Santa Claus, little drummer boy, antique toys and much more. For use in designing greeting cards, gifts, desktop publications and videos. Requires paint program, 512K. $34.95 *Tangent 270*

Clip Art 1-8
Over 100 hi-res images on most disks, ranging from computer products to food, from zoos to the Old West. Special disks: #6-full screen computer images ideal for advertising purposes. #8-Christmas graphics, 10 screens full of detailed, beautifully drawn seasonal images. All picture files are in standard IFF format for the Amiga.
$19.95 per disk *Magnetic Images Co.*

Deluxe Maps Vol. I
Create better reports and presentations with these IFF format U.S. regional and state map outlines. $24.95 *Computer Arts*

Desktop Artist
Over 200 pieces of IFF format B&W clip art for use with any paint program. $29.95
SunRize Industries

Elevation Library
IFF Clip Art. The Library contains assorted elevation screens and brushes, and may be used either separately or in conjunction with other volumes in the Madrigal Architectural Library system. Available Winter 1990 $59.95
Madrigal Residential Designs

Floor Plan Library
A set of floor plan parts and bath, kitchen, room modules saved as IFF screens for use with paint, desktop publishing and presentation programs.
$59.95 *Madrigal Residential Designs*

Flowers
Another set connected to helping the Amiga artist in the production of electronic paintings in conjunction with Brett Casebolt's Scene Generator. The Flowers are HAM brushes that are hand painted while others are full-color digitizations. Samples of possible combinations are included. $24.95 (Two disks)
Eyeful Tower Communications

Heraldic Pics
16-color, high-resolution clip-art images of heraldic symbols. Provides symbols for designing coats of arms, crests and other heraldic art. Example coats of arms, seals, and crests are shown along with information on terminology. Images include shields, swords, helms, Gryphons, Tigers, Penguin Rampant, and Mouse Guardant. Requires 512K and paint program.
$34.95 *Tangent 270*

Interior Design
A set of furniture parts for use with paint, desktop publishing, and presentation programs. 16 screens of furniture images and over 100 brushes. Useful for interior design and concept development. For use with paint and desktop publishing programs. $59.95
Madrigal Residential Designs

Map Pics-World
High resolution, 16-color maps of over 200 countries. This is a four-disk package due to the amount of detail shown on each map. Maps are in 3 scales: World-view, Continent-view and Country view. Where room permits, names of major cities are shown as well as major rivers and lakes. An excellent resource for desktop publishing and video production, business presentations, and education. Requires 512K and a paint program. $59.95 *Tangent 270*

Media Line Clipart Disk I
A broad selection of high quality clip art. Able to import IFF graphics. Holidays, Sports, Computers and Scenery are among the various themes included. Also includes a show utility. Can be used in all paint programs for resizing and modification. $34.95
Free Spirit Software

PIC-MAGIC
A ten disk set of over 250 images. Manual explains suggested use of images as well as the psychology behing many of them. Some images draw the eye to a particular spot on a page while others convey a certain mood. Images can be resized using DPaint III or a comparable program. PIC-MAGIC is an unlimited resource library for computer enthusiasts, desktop publishers and animators. IFF format, most over 1000 by 1000 pixels. The full set now includes a bonus two disks for a total of 12!) which include the entire 250+ images sized down for easier video use. Also available in Encapsulated PostScript format for Desktop Publishing.$99.95
Joe's First Company

Seasons and Holidays
A whole year's supply of art for every occasion. More than 100 ready to use images for Deluxe Paint™, Deluxe Video™, and Deluxe Print™ productions. $29.95 *Electronic Arts*

Spheres 1
Clip art of 3D lighted, shaded spheres texture-

wrapped with HAMandel 256 color HAM fractal images. Includes complete animated rotating fractal sphere and still images for use with HAM paint programs. $10.00 ($2.00 shipping)
MegageM

The Amiga Coloring Book: Borders
Over 550 borders in IFF format.
$34.95 *The Dragon Group*

The Amiga Coloring Book: Sampler
Assorted clip art in IFF format. $34.95
The Dragon Group

The Amiga Coloring Book: World
Maps from around the world in IFF format.
$34.95 *The Dragon Group*

THE BACKGROUNDER for HAM Paint Programs
Ready made backgrounds for HAM paint programs with legal colors for film and video. Program replaces default palettes with legal color palettes for film and video. Available November 1989. Price unavailable.
Philadelphia Video Lab Inc.

Express Clip-Art #1
High-resolution clip-art for Express paint. Includes over 50 patterns and background brushes of office-related images and borders for certificates, ads, and newsletters.
$29.95 *OXXI, Inc.*

•PAINT/Fonts•

(see also DESKTOP VIDEO/Fonts)

AlohaFonts Volume 1
Twenty fonts for use with graphics & Desktop Publishing $19.95 *AlohaFonts*

AlohaFonts Volume 2
Forty-three fonts from 16 to 84 points for use with graphic, desktop publishing, and video production work $19.95 *AlohaFonts*

AlohaFonts Volume 3
Forty-one fonts from 16 to 99 points for use with graphic, desktop publishing, and video production work. $19.95 *AlohaFonts*

CalligraFonts/Asha's
A limited edition of new unique fonts. Original art, each disk signed by artist Asha Develder! 16-colors with complementary monocolor fonts for illuminated prints, large initial caps and exclusive design! Includes KidsBlox Colorfonts in 125 point and 80 point sizes. StainedGlass Colorfonts in sizes 101, 96 and 91 points. 1 megabyte required for use of the large color fonts.
$89.95+ $3 S&H *Interactive Softworks*

CalligraFonts/Lion's
Assorted 150 Amiga bit-mapped fonts in a 4-disk set for desktop publishing, video, presentations. Includes 120 B&W fonts in sizes from 7 to huge 160 points. There are 30 color fonts in sizes for video titling, posters and DTP from 20 to 75 points. Recommended by John Foust.
$89.95+ $3 S&H *Interactive Softworks*

CalligraFonts/Novelty
Quickly create a novel look for your next project with this 2 disk set of fonts in convenient sizes. Colorfonts include ICE, PENCIL, SKYLINE, SWISSCHEESE, JADE and STARS & STRIPES. This 2 disk set contains 14 Amiga diskfonts (sizes 32 to 84 points), plus 16 ColorFonts (sizes 43 to 84 points). $69.95+ $3 S&H
Interactive Softworks

Calligrapher 1.05
Font editor includes ColorFonts and FontMover. Edit size, position, shape, color, pattern, style, kerning and spacing, italic slant, more. Graphics editor includes brushes, free hand drawing, paint can, magnify, more. FontMover copies, deletes, or previews fonts from another disk. Disk checking, font viewing in any resolution, more. Upgrades to version 1.05 are. $29.95. $129.95+ $3 S&H *Interactive Softworks*

Font Works
Allows you to create a virtually unlimited number of color fonts quickly and easily by using either the built-in drawing tools or by grabbing letters from any standard IFF picture. Change existing fonts by adding effects like drop shadows, outlines, underlines, neon, resizing, and scaling. Choose up to 16 colors per font from a palette of 4,096. $99.95 *ACS Software*

KARA FONTS-AnimFonts 1™
ChromeSCRIPT is an 8 color, Formal script in caps & lower case and comes in both a Keyboarded and an AnimFont. Each letter appears to be handwritten across the screen. Additional palettes included along with utility programs to use ColorFonts. $49.95
KARA Computer Graphics

KARA FONTS-AnimFonts 2™
Bullion is a dimensional, beveled, highlighted uppercase Gothic 8 colorfont and comes in both a Keyboarded and AnimFont. The AnimFont rotates onto the screen 90 degrees on the 4 axis to the left while a glint of light travels across the face. Also includes additional palettes and utility programs to use ColorFonts. $49.95
KARA Computer Graphics

KARA FONTS-HEADLINES
Three disk set. Featuring 10 Hi-Res, dimensional, up to 8 color, uppercase fonts in two sizes each (approx. 104 and 84 pts. high). Font styles in CHROME, MARBLE, BRICK and GRANITE are dragable for added 3D effects. Other styles are CHISEL, WOOD, BEVEL, CAST, CHISELserif and COLUMN. $79.95 *KARA Computer Graphics*

KARA FONTS-HEADLINES 2
Two disk set offers 4 new 8-color fonts in 2-3 sizes each. ChiselSCRIPT: Italic script in upper and lower case. GLASS: Transparent uppercase gothic face. ENGRAVED: Dragable, uppercase 2 plane shiny font. EMBOSSED: Raised or sunken letters on a surface. $69.95
KARA Computer Graphics

KARA FONTS-SUBHEADS
Two disk set. A scaled-down version of HEADLINES, offers same unique ColorFonts in two smaller sizes (approx. 72 and 55 points.) New sizes allow a greater range of flexibility in titling without having to reduce and makes it possible to use in lower resolutions at a workable size. $69.95 *KARA Computer Graphics*

Master Fonts
A collection of fonts in standard Amiga format designed to be used with all graphics, video, word processing, and desktop publishing.
$29.95 *T.S.R. Hutchinson*

Masterpiece Professional Font Collection
The largest collection of fonts and clip-art available for the Amiga today. 110 different fonts are included in this 20 disk set. Also included are 141 hi-res pages of border clip-art. 4 disks of ColorFonts and 2 disks of Brushes round out the set. A must for the video professional.
$199.00 *ARock Computer Software*

Media Line Font Disk I
Contains nine different bitmap fonts for the Amiga. Designed for professional use in video presentation, graphics, animation, and desktop publishing. $34.95 *Free Spirit Software*

Professional Font Library 3.6
For the serious Amiga artist, video specialist and anyone who appreciates a quality 6-disk product. 60 distinct bitmap fonts (approx. 200 styles 7 to 90+ lines high) in both monochrome and color (GOLD, CHROME, RIVET etc.) Suitable for paint programs, video titling, headlines and wordprocessing applications. Includes icon interface, utilities and comprehensive 90-page manual with samples. Requires 1 meg RAM
$74.95 *CLASSIC CONCEPTS Futureware™*

Studio Fonts, Vol. I
Designed by professional commercial artist Marlin Green, these fonts are ideal for comps and

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*postage & handling for each volume is $4.00 in the US, $7.50 for surface in Canada and Mexico, and $10.00 for all other foreign surface.

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Now you can own every Amiga - Animation - Program - Utility - Demo available in the Fred Fish, Amicus, or AC library.

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Remember: AC warranties your disks for 90 days. If you have a problem, return the disk(s) with an explanation of the problem and AC will send you a new disk. No additional charge for postage and handling on disk orders. Orders of 10 disks or more will be shipped UPS Second Day where applicable. All other orders will be shipped US Mail.

AC has always paid Fred Fish a royalty on all disks sales to encourage the leading Amiga program anthologist to continue his good work.

quick presentations. Use in high resolution for demanding video titling and desktop. Includes 17 pre-colored pre-patterned ColorFonts plus 12 mono-color fonts, IFF brushes, and Calligrapher patterns. $46.25+ $3 S&H *Interactive Softworks*

Zuma Fonts Vol. 1
Typefonts for use with any IFF-compatible program which accesses Amiga fonts. Six sizes, from 12 to 100 points. Volume 1 contains Swiss, Pica, and Barn Fonts. Requires 512K RAM
$34.95 *Zuma Group*

Zuma Fonts Vol. 2
Typefonts for use with any IFF-compatible program which accesses Amiga fonts. Six sizes, from 12 to 100 points. Volume 2 contains Euro, Chelt, and Stencil Fonts. Requires 512K RAM.
$34.95 *Zuma Group*

Zuma Fonts Vol. 3
Typefonts for use with any IFF-compatible program which accesses Amiga fonts. Six sizes, from 12 to 100 points. Volume 3 contains Coop, Script, and Fast Fonts. Requires 512K RAM.
$34.95 *Zuma Group*

Zuma Fonts Vol. 4
Typefonts for use with any IFF-compatible program which accesses Amiga fonts. Six sizes, from 12 to 100 points. Volume 4 contains Deco, Devine, and Draft Fonts. Requires 512K RAM.
$34.95 *Zuma Group*

Zuma Fonts Vol. 5
Typefonts for use with any program which accesses Amiga fonts. Six sizes from 12 to over 100 points. Volume 5 contains Metro, Art, and Gospel Fonts. $34.95 *Zuma Group*

•PAINT/Tutorials•

DeluxeHelp for Calligrapher
On-line interactive tutorial runs with Calligrapher. $44.95 *RGB Video Creations*

DeluxeHelp for Deluxe Paint
On-line interactive tutorial runs with Deluxe Paint. $34.95 *RGB Video Creations*

DeluxeHelp for Deluxe Paint II
On-line, interactive tutorial runs with DPaint II. Select from 54 lessons with real-time demonstrations and speech. $34.95
RGB Video Creations

DeluxeHelp for Deluxe Paint III
A two disk interactive tutorial packed with tips and demonstrations of the powerful and complex features of Deluxe Paint III. Disk #1 explores the use of DPIII's painting tools, and various techniques used to produce quality static graphics. Disk #2 strikes out into the realm of animation. Learn a wide variety of techniques used by professional animators. DeluxeHelp for Deluxe Paint III is a must have product for anyone wanting to master Deluxe Paint III.
$49.95 *RGB Computer & Video Creations*

DeluxeHelp for DigiPaint
On-line, interactive tutorial runs with DigiPaint. Select help lessons with real-time demonstrations and speech. $34.95
RGB Video Creations

DeluxeHelp for Photon Paint
On-line interactive tutorial runs with Photon Paint. $34.95 *RGB Video Creations*

DeluxeHelp's Advanced Techniques-Textures & Backgrounds for Deluxe Paint II
Takes the user through the complete process of creating organic textures and backgrounds that are used in real world television, advertising and business presentation graphics applications. Utilizes the same fool-proof techniques as the popular DeluxeHelp series of on-line, interactive tutorial programs. Wood, Marble, Granite, Gold, and Smoke are a few textures demonstrated. In each of the 29 lessons, create a complete texture or background that can be used as components of still images. $34.95
RGB Computer & Video Creations

For Art's Sake
Printable tutorials complete with IFF pictures. Whether you are a beginner or a seasoned artist, learn how to create your own fine art, animations and raytracings by using our techniques and many popular graphic packages. Easy icon based interface. 1meg required. $19.95 *For Art's Sake*

•PAINT/Utilities•

Butcher
Graphics utility program. Includes edge detection, resolution changes, pixel counting, half-toning, bitplane slicing, sorting colors by pixel count or intensity, density slicing and palette effects. Includes shape editor for defining mosaic patterns and textures. $37.00
Eagle Tree Software

Doug's Color Commander
Color gadget for any Amiga program. Can be run simultaneously with other programs
$29.95 *Seven Seas Software*

Focus Video
Focus Video provides a complete range of image processing capabilities. Features such as color control, filters, convolutions, contrast enhancement, and histograms improve and enhance your images, bring out details, analyze or transform. Focus Video is a tool for electronic publishing; Industrial quality control, astronomy, art, video effects production, and more. Its stand alone features include: Edge extraction, Spatial image filtering, Median filtering,Logical and arithmetic inter-image operations, Intensity histograms, Pseudo-3D display, Fast zoom, Linear contrast enhancement, Time stamping and user-definable text annotating and On-screen distance measurement with calibration. The Focus Video can also read 400 line IFF images(16 or 32 color). With a LIVE! Continuous Video Framegrabber installed in your Amiga, Focus Video gives you instant image aquisition from any NTSC video source, complete with Sequence recording/animated replay,Time-lapse capture, Color and contrast adjustment, and Integration and averaging of successive frames. Focus Video makes it easy and affordable to move beyond the rigidity of silver crystals on film into the flexible world of digital video.
$159.00 *A-Squared Distributions Inc.*

GS-1000 Graphics Library
Library of over 90 graphics-oriented commands. Includes device independent 2-D graphics, multiple viewports and screens, zoom panning, color mixing, many other commands and a full-featured paint program. $49.95; with source code, $149.95
Rittinghouse Software Development Company

Imprint
Software interface which works with the Amiga and the Polaroid Palette Film Recorder to produce film output of any IFF image. Prints 320 x 200, 320 x 400, 640 x 200, and 640 x 400 images with HAM capability. Snapshot RAM resident utility creates instant film image of on-screen display. $495.00; $2495.00 with Polaroid Palette system. *American Liquid Light Inc.*

PhotoSynthesis
Image processing system with over 40 operations. Useful for many applications

Graphic Arts

Attention: Amiga Artists!

We need your art!

Send us your artworks. Show off your talent and **get paid for it!**

We need your techniques!

Write for AC. Share your artistic tips, tricks and techniques with other Amiga Artists and **get paid for it!**

Contact our Editorial Department for details

including special video effects, image enhancement, low-cost inspection and education. Interpreted language supports functions like Arithmetic, Boolean, Relational, and Histogram. Also supports looping, conditionals, tests, recursions and script files. Flexible interface supports mouse or keyboard commands. $149.95
Escape Sequence Inc.

PIXmate
Image Enhancement software system. features space-age, image enhancement techniques developed for NASA. Performs over 3,000 special effects. $69.95
Progressive Peripherals & Software

Scene Generator
Scene Generator is a fast, fun, and easy to use program capable of producing photographically realistic natural scenery. It has a full Intuition interface with user control of many options. The landscape calculations are done in assembly language for maximum speed. The IFF pictures generated by the program are excellent background material for painting or animation. $39.95 *Natural Graphics*

THE COLOR KIT for Deluxe Paint
Legal color scales for film and video in Hi Res =132 colors-in normal Interlace= 488 colors in halfbright Interlace = 720 colors- all at once on the screen and to be used. $29.95
Philadelphia Video Lab Inc.

Ham It Up!
Ham It Up!, a new product from Delta Graphics, Inc., allows you to display and print all 4096 Amiga colors via sixteen 256-color charts. No HAM paint program is required. Requires 1 MB RAM. $39.95 *Delta Graphics, Inc.*

•ARTWORKS•

FracPac 1
Collection of fractal, chaos, and related demo and application programs collected from a variety of public domain sources and gathered for those interested in fractals and chaos experimentation and graphic art.
$10.00 ($2.00 shipping) *MegageM*

Galleria Volume 1: Sci-Fi
Paintings of original works in HAM/Overscan. Recently shown at a major Northeastern gallery exhibition. Volume one features Sci-Fi. 6 paintings per volume. $15.00 ea. ($40.00 for 3 volume set). *EyefulTower Communications/ EarfulTower Productions*

Galleria Volume 2: Transformations
Paintings of original works in HAM/Overscan. Recently shown at a major Northeastern gallery exhibition. Volume two features transformations. 6 paintings per volume.
$15.00 ea. ($40.00 for 3 volume set)
EyefulTower Communications/EarfulTower Productions

Galleria Volume 3: Otherness
Paintings of original works in HAM/Overscan. Recently shown at a major Northeastern gallery exhibition. Volumes three features Otherness. 6 paintings per volume. $15.00 ea. ($40.00 for 3 volume set) *EyefulTower Communications/ EarfulTower Productions*

HAMandel Amiga Photo Art
Photographic reproductions of the best HAMandel fractal art images on 8 x 10 super-gloss paper. Available also in sets of twelve 3 x 5 pictures (2 different sets available). Contact MegageM for details on ordering. Large prints available framed, as well. Contact company for details *MegageM*

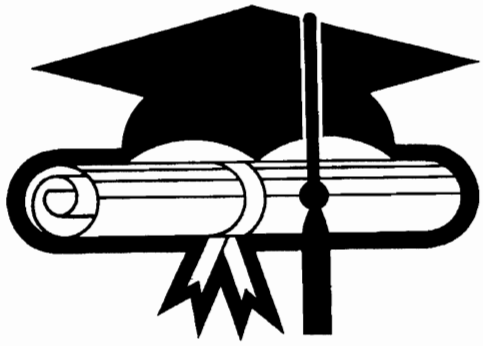
HAMandel Show 1
Automatic slideshow disks with the best images from HAMandel: Mandelbrot Sets, Julia Sets and ray-traced texture mapped fractal art in 256 color HAM graphics mode. Great backgrounds or clip art for HAM paint programs. $10.00 ($2.00 shipping)
MegageM

HAMandel Show 2
Automatic slideshow disks with the best images from HAMandel: Mandelbrot Sets, Julia Sets and ray-traced texture mapped fractal art in 256 color HAM graphics mode. Great backgrounds or clip art for HAM paint programs. $10.00 ($2.00 shipping)
MegageM

Spheres 1
Clip art of 3D lighted, shaded spheres texture-wrapped with HAMandel 256 color HAM fractal images. Includes complete animated rotating fractal sphere and still images for use with HAM paint programs. $10.00 ($2.00 shipping) *MegageM*

Vermont Seasons (Summer)
First three disks in an eventual 12 disk set. Each set contains 12 LO-HAM Vermont scenes in full overscan. Each of the four 3-disk sets focuses upon one of the four seasons in Vermont.
$39.00 *Eyeful Tower Communications*

WolfPak 1
Collection of math and graphic demos by Daniel Wolf including PolyFrac, cellular automata programs, Hilbert Curve, Dragon Curve, and more. $10.00 ($2.00 shipping)
MegageM



EDUCATION

• BIOLOGY •

Biology by Martha College Edition
Combination human-biology and micro-biology. $199.95 *Lee Software*

Biology by Martha High School Edition
Combination human-biology and micro-biology. $99.95 *Lee Software*

Biology By Martha: Human Biology CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00 *Lee Software*

Biology By Martha: Human Biology HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition (1 disk). $39.00 *Lee Software*

Biology By Martha: Invertebrate Animals CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00 *Lee Software*

Biology By Martha: Invertebrate Animals HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition (1 disk). $39.00 *Lee Software*

Biology By Martha: Microbiology CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00 *Lee Software*

Biology By Martha: Microbiology HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition (1 disk). $39.00 *Lee Software*

Biology By Martha: Plants CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00 *Lee Software*

Biology By Martha: Plants HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition (1 disk). $39.00 *Lee Software*

Biology By Martha: Reproduction CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00 *Lee Software*

Biology By Martha: Reproduction HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition (1 disk). $39.00 *Lee Software*

Biology By Martha: Vertebrate Animals CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00 *Lee Software*

Biology By Martha: Vertebrate Animals HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high edition (1 disk). $39.00 *Lee Software*

Birds 'N' Bees
Facts of life instruction. $14.95 *Intracorp*

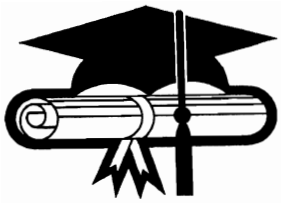
• BUSINESS •

Starting a New Business
Realistic simulation teaches the principles of starting a new business venture.
$59.95 *Queue Corporation*

The Ad Game
Learning objective is to read a vertical bar graph and interpret the data for maximum results. The student is given a product to sell and profile the age groups that buy it. The goal is to use the most effective advertising medium (radio, TV, newspaper, magazine) to reach the greatest audience. $29.95 *MicroEd*

• ECONOMICS •

Spell M-O-N-E-Y
The learning objective is to identify the definitions of basic economic terms. The student's goal is career advancement and security through education and promotion. Wages and saving may increase as a part of performance evaluation. $29.95
MicroEd



Education

•ELEMENTARY•

A Christmas Carol
Complete bookdisk of Dickens' A Christmas Carol with at least 10 illustrations and talking slide show. Two disks. $7.00
Jumpdisk

Aesop's Fables
Twelve illustrated stories with reading and vocabulary questions, 800-word spelling list. Ages 6-9, 1-2 players. Four different learning games are included. You may also add your own weekly spelling lists for practice. Memory game options include matching pictures to pictures, pictures to words, words to words or words to contractions. Uses speech and great graphics.
$49.95 *Unicorn Software Company*

Clock Works
Version 1.1 PAL and NTSC available now. Teaches telling the time and introduces number ideas. Clocks of four sorts and shapes with digitized sound: Cuckoo, Westminster chimes, and human speech. Digital clock has 24 hour option. Works in clocksetting and question modes. $29.75 +$3.95 air freight
Hokianga Software

Coloring Disk #1-Alphabet
To be used with My Paint™, Coloring Disk#1 presents all the letters of the alphabet with a corresponding drawing to color in. Each letter also has accompanying digitized speech, saying the name of the letter and the object or animal next to it. All new drawings include: cake, duck, fruit, elephant, goat, kite, owl, inchworm, vegetables, xylophone, watermelon, jam, bear, and more!$29.95 *Centaur Software, Inc.*

Coloring Disk #2-Majelix
To be used with My Paint™, Coloring Disk #2-Majelix™ is a beginning reading method based on phonics and sight reading. The Majelix coloring disk provides an introduction to all twenty-nine of the Majelix characters. The names of these enjoyable characters contain all the clues to the series one phonics code. These coded names provide the child with an easily accessible unconscious reference to the phonics code.
$29.95 *Centaur Software, Inc.*

Crayons And Rainbows
Teaches preschoolers about colors in a fun game format with animated characters and colorful graphics. Requires 1 MB RAM and 2 disk drives.
$19.95 *The Trumor Company, Inc.*

Dinosaur Discovery Kit by First Byte
Zug the Megasaurus is a fun, talkative character that introduces children to a wealth of learning activities with one of their favorite subjects... dinosaurs. It is rich in graphics, enhanced with unlimited text-to-speech and effective in building children's skill. $39.95
Electronic Arts

Discover Chemistry
Test your knowledge of melting points, density, and the periodic table. Bonus programs include origins, notable people and events. (Ages 12 to adult) $19.95 *Maverick Software, Inc.*

Discover Math
Math is made exciting and easy! Users choose from decimals, orders of operation, base switch plus Algebraic, linear and quadratic equations. (Ages 10 to adult) $19.95
Maverick Software, Inc.

Discover Numbers
This comprehensive package includes Addition / Subtraction, Multiplication / Division plus a time section covering hours, days and dates. (Ages 8 to adult) $19.95
Maverick Software, Inc.

Discover the Alphabet
Users cover everything from letters and abbreviations to words containing three, four, and more letters in this exciting but challenging program. (Ages 6 to adult) $19.95
Maverick Software, Inc.

Discover U.S.History / Geography
This complete package contains History and Geography programs. Discover the Union States, Presidents and notable people and events in History. Then test your knowledge of areas, population and distances. (Ages 8 to adult)
$19.95 *Maverick Software, Inc.*

Donald Duck's Playground
Educational game teaches financial concepts, logic, planning, and spatial reasoning. Help Donald Duck earn money to build a playground for his nephews. Sort airline baggage, work at a produce market, help out at a toy store, and run the Amquack railroad.
Price unavailable. *Sierra On-Line*

Early Math MA-902
Adding With Objects, Subtracting With Objects, What Number is Missing?, and Count 'Em.
$49.95 *MicroEd*

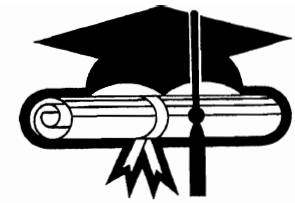
Electric Crayon Deluxe:
Dinosaurs Are Forever
Dinosaurs Are Forever will grab the imagination of children of all ages as digitized sounds of a dinosaur are played with each picture. You can color the picture and play the sound over and over. There is a Description file to accompany each picture containing information and little known facts about the dinosaur shown. Each picture (26 total) can be printed in color and black and white with one of six print options, including: Custom Banner, Personalized Message, Print with Description, Print with Calendar. A sheet of 64 color stickers is included to mark special days on the calendars.
$39.95 *Polarware*

Electric Crayon Deluxe:
All Dogs Go To Heaven
Simply point and click on the color palette of 24 colors (there are 4,906 colors available), then click the crayon in the area you want to fill! The Electric Crayon Deluxe computer coloring books offer Custom Banner, Calendar, and Poster-Making capabilities and digitized sound. Design a banner with a colored picture at each end and your personal message in the middle. Write poster messages to be displayed below your work of art, or print the picture with the computer-supplied description that will describe facts about the animal you've just colored! Make calendars and mark special occasions with 64 colored stickers enclosed in the package.
$39.95 *Polarware, Inc.*

Electric Crayon Deluxe: At the Zoo
The next best thing to being there! As each picture is accessed, A Digitized sound file is played of the lion, tiger, bear etc. You can color the picture and play the sound over an over. There is also a Description file to accompany each picture containing information and little known facts about the featured animal. Each picture can be printed in color and black and white with one of six print options, including: Custom Banner, Personalized Message, Print with Description, Print with Calendar. A sheet of 64 color stickers is included to mark special days on the calendars. $39.95 *Polarware*

Electric Crayon Deluxe: Coloring Calendars
Coloring Calendars (with digitized sound) promises to provide hours of entertainment and learning for all ages. Simply point and click on the color palette of 24 colors (there are 4,906 colors available), then click the crayon in the area you want to fill! The Electric Crayon Deluxe computer coloring books offer Custom Banner, Calendar, and Poster-making capabilities. Design a banner with a colored picture at each end and your personal message in the middle. Write your own poster message to be displayed below the work of art, or print the picture with the computer-supplied description that will tell you all about the holiday or season you've just colored! Make calendars and mark special occasions with 64 colored stickers enclosed in the package. $39.95
Polarware, Inc.

Education



First Letters & Words by First Byte
Talking computer friend teaches young children letters and words, upper case and lower case letters, and helps build reading vocabulary. Age 3-8. $39.95 *Electronic Arts*

First Shapes by First Byte
Talking computer tutor teaches geometric shapes to children. Encourages children to make toys, or challenge skills in a matching game.
$39.95 *Electronic Arts*

KidTalk by First Byte
Talking notebook reads back in male or female voice. Pull-down and graphic menus; built-in pronouncing dictionary; guided tour and Help screens; options for editing, printing, and secret coding. $39.95 *Electronic Arts*

Kim
PAL and NTSC versions available now. This is ostensibly a memory development game (Kim's Game- Rudyard Kipling) with recognition of letters, numbers and common articles, but is valuable for development of basic reading skills and many other purposes. Provision for teacher/ parent modification. $29.75 +$3.95 air freight
Hokianga Software

Kinderama
Five talking games with animated graphics. Beginning addition, subtraction, upper and lower case letters, and more. Awarded Best Educational Program of 1988 by Commodore. Uses speech to enforce learning. Also includes a Robot Construction Set for creative fun.
$49.95 *Unicorn Software Company*

Little Red Hen (story diskette)
Enjoy the story of the Little Red Hen as she works, plants and harvests the wheat. Make flour and bake bread. Enjoy digitized and synthesized sounds, music and animation. (For use with Talking Storybook reader diskette.)
$29.95 *Designing Minds, Inc.*

Match-it
Teaches children basic colors and shapes through games and tutorials. $39.99
The Other Guys

My Paint
My Paint is an educational paint program with built-in coloring book. It has wonderful graphics and great digitized sounds, and is so easy to use by children. $49.95
Centaur Software, Inc.

Nimble Numbers
Count, add, subtract, multiply, divide. Preschool to age 8. Remedial: used in New Zealand schools. Bright graphics, natural digitized speech.
$29.75 +3.95 air freight *Hokianga Software*

Nursery Rhymes (story diskette)
Children learn to read with familiar rhymes such as Jack and Jill, Humpty Dumpty, Little Miss Muffett, and more. (For use with Talking Storybook reader diskette.) $29.95
Designing Minds, Inc.

RE-910
Learning the Alphabet Teaches children to recognize upper and lower case letters in the proper order. $29.95 *MicroEd*

RE-915
Beginning Reading Skills 4 Disks, grades K-3. Over 1000 words in sentences varying in difficulty from: A MAN RAN. to SEE A HAWK FLOAT IN THE BREEZE. $89.95
MicroEd

Read & Rhyme
Outer-space theme. Talking language arts activities in phonics, reading, rhyming and more. Ages 5-10, 1-2 players. $49.95
Unicorn Software Company

Read-a-Rama
Talking program with 6 language arts activities. Includes authoring system for parents to create lessons. Ages 5-8 (2 disks). Parents may add weekly spelling lists for practice.
$59.95 *Unicorn Software Company*

Reading Adventure 1
Interactive reading game allows players to participate in completing the story. Adventure 1.
$39.95 *Queue Corporation*

Reading Adventure 2
Interactive reading game allows players to participate in completing the story. Adventure 2.
$59.95 *Queue Corporation*

Reading Adventure 3
Interactive reading game allows players to participate in completing the story. Adventure 3.
$59.95 *Queue Corporation*

Reading and Thinking I
Reproducible classroom exercises in inferential thinking and reading comprehension.
$54.95 *Queue Corporation*

Reading and Thinking II
Reproducible classroom exercises in inferential thinking and reading comprehension.
$54.95 *Queue Corporation*

Reading and Thinking III
Reproducible classroom exercises in inferential thinking and reading comprehension.
$54.95 *Queue Corporation*

Robot Readers: Aesop's Fables
Reading game uses popular fairy tale to help children learn to read. Child reads aloud, each word changes color as it is read. Adjustable reading speed. $29.95 *Hilton Android*

Robot Readers: Chicken Little
Reading game uses popular fairy tale to help children learn to read. Child reads aloud, each word changes color as it is read. Adjustable reading speed. $29.95 *Hilton Android*

Robot Readers: The Ugly Duckling
Reading game uses popular fairy tale to help children learn to read. As the child reads aloud, each word changes color as it is read. Adjustable reading speed. $29.95 *Hilton Android*

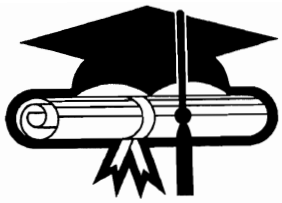
Robot Readers: Three Little Pigs
Reading game uses popular fairy tales to help children learn to read. Child reads aloud, each word changes color as it is read. Adjustable reading speed. $29.95 *Hilton Android*

Robot Readers: Little Red Hen
Reading game uses popular fairy tale to help children learn to read. Child reads aloud, each word changes color as it is read. Adjustable reading speed. $29.95 *Hilton Android*

Robot Readers: Noah's Ark
Noah's Ark is the seventh program in the talking Robot Readers series for the Amiga computer. It joins Chicken Little, Aesop's Fables, Little Red Hen, Three Little Pigs, The Ugly Duckling and The Three Bears in a library of beautifully illustrated classic stories for preschool through primary grade children. Robot Readers combine the latest research in the field of reading with the unique capabilities of the Amiga computer. Advanced mouse driven features include reading aloud with each word changing color as it is spoken, an adjustable reading speed, point and click for the whole word and letter sound out, a Find-the-Word game, and audio-visual identification of the characters and objects in the illustrations. $29.95
Hilton Android Corporation

Robot Readers:
The Three Bears (Goldilocks)
Reading game uses popular fairy tale to help children learn to read. As the child reads aloud, each word changes color as it is read. Adjustable reading speed. $29.95 *Hilton Android*

SmoothTalker by First Byte
Converts English text or numbers into natural sounding speech. Use it to proofread, tell stories, etc. Adjust gender, pitch, tone, volume, and pronunciation. $39.95 *Electronic Arts*



Education

Tales From The Arabian Nights
Three stories with graphics, questions, and glossary. Several games, mini-word processor. Ages 8-12, 1-2 players (2 disks). Talking program helps develop important comprehension and vocabulary skills. $49.95
Unicorn Software Company

The Adventures of Sinbad
Three stories, over 600 questions. 1-2 players. Join Sinbad to earn his fortune and see the world. Includes mini-word processor, more. Talking program builds vocabulary and comprehension skills. $49.95
Unicorn Software Company

The Legend of Sleepy Hollow
A complete bookdisk of The Legend of Sleepy Hollow. Includes over 10 illustrations and talking slide show. $4.00 *Jumpdisk*

The Sesame Street Crayon Series: Letters for You
The Sesame Street Gang introduces children to the ABC's. Offers coloring entertainment and education. Contains dozens of reusable pictures with point and click coloring. This program includes digitized sound files of childrens' voices describing each picture, which can be played over and over. There is also a poem accompanying each picture to enhance learning. Each picture can be printed in color or black and white with one of six print options including: Custom Banner, Personalized Message, Calendar, Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. $39.95
Polarware Software

The Sesame Street Crayon Series: Numbers Count
The Sesame Street Gang introduces children to numbers. Offers coloring entertainment and education. Contains dozens of reusable pictures with point and click coloring. This program includes Digitized Sound files of children's voices describing each picture, which can be played over and over. There is also a poem to accompany each picture to enhance learning. Each picture can be printed in color or black and white with one of six print options which include: Custom Banner, Personalized Message, Calendar, Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. $39.95
Polarware Software

The Sesame Street Crayon Series: Opposites Attract
The Sesame Street Gang introduces children to opposites. Offers coloring entertainment and education. Contains dozens of reusable pictures with point and click coloring. This program includes digitized sound files of children's voices describing each picture, which can be played over and over. There is also a poem accompanying each picture to enhance learning. Each picture can be printed in color or black and white with one of six print options including: Custom Banner, Personalized Message, Calendar, Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. $39.95
Polarware Software

The Talking Animator
Easy to use page flipper. Lets each frame have its own palette of colors from 4096. Incorporates talking text into any page of graphics to give you the ultimate doodle pad to create stories or cartoons. All documentation on-line, just press the HELP key. Ghosting feature lets you see images from previous pages for graphics placement and smooth animation. The output works well with genlocks. Runs with 512K, but 1 meg is recommended. Shipped with data disk full of animations and details for submitting your creations to the The Talking Animator.
$49.95 *JMH Software*

The Talking Coloring Book
Talks to the child and teaches color recognition. Drawing option allows children to draw, color, and print their own pictures. $29.95
JMH Software

The Talking Storybook (reader diskette)
Teaches reading skills by example. No reading skills are necessary to operate, works for pre-readers also. Uses digitized and synthesized sounds, 4-part harmony music and animation. Read pages sequentially, or flip to any page, forward or backward. Requires reader diskette.
$39.95 *Designing Minds, Inc.*

The Three Bears (story diskette)
Enjoy a familiar story while learning to read or improve reading skills. Uses digitized sounds, entertaining graphics and 4-part harmony music. (For use with Talking Storybook reader diskette.)
$29.95 *Designing Minds, Inc.*

The Wonderful Animal Kingdom
Six activities teach about the animal kingdom and develop reading and vocabulary skills. 1-4 players, graphics, voice. Age 6-12.
$49.95 *Unicorn Software Company*

Uncle D's ConSOUNDtration
The ultimate game of concentration for children 4 & up. Match digitized sounds with colorful graphics. Requires no reading skills. Includes three data bases: ABC's, 123's, and Pixs(animals, tools, environmental,etc.) $29.95
AlohaFonts

Uncle D's ConSOUNDtration Data Disk #1
Additional games to be used with Uncle D's ConSOUNDtration. Includes commonly seen signs, states of the U.S., and more environmental -animal, music etc. $24.95 *AlohaFonts*

Where In The U.S.A. Is Carmen Sandiego?
Now she's out to steal the great treasures of the United States. As you travel, you'll learn about the geography, economy, and history of all 50 states plus the District of Columbia. Package includes Fodor's USA travel guide. You'll work your way up through ten detective ranks. Also available in school edition. $49.95
Broderbund Software Inc.

•ENGLISH•

Antonyms
Antonyms are the focus of this interactive teaching program. Each lesson gives the learner practice in supplying the antonyms of words presented by the computer. The student can request help from the computer as needed.
$29.95 *MicroEd*

Complete Practical Composition Series
Practical Composition I-V. Improve your writing skills with this 5-disk set. $229.95
Queue Corporation

CP-941
Capitalization Teaches students how to capitalize words correctly within sentences.
$29.95 *MicroEd*

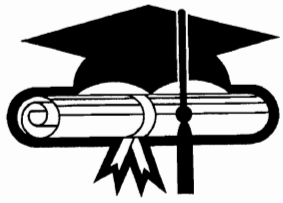
Cross-Links
A word-find game that allows players to use their own words to build puzzles. Fun for ages 7 to 70.
$29.95 *Poco Loco*

Ghostly Grammar
Learn grammar through tutorial and games. Parts of speech, punctuation, and sentences. Grades 3 through 12. $49.95 *Unicorn Software Company*

GR-910
Basic Grammar Teaches students to identify nouns, verbs, adjectives, prepositions, conjunctions, and interjections.
$29.95 *MicroEd*

How to Spell
A tutorial on the rules of spelling.
$39.95 *Queue Corporation*

Image Spinning (Creative Writing)
This program provides practice in putting together effective images that can be used in almost any kind of creative writing, especially in poetry. Throughout this exercise, the computer



acts as an idea starter, while the final results are entirely the student's own. $49.95
MicroEd

Land of the Unicorn
Educational program for grades 3-8 covering synonyms and antonyms, as well as problem solving. Includes intricate maze game.
$49.95 *Unicorn Software Company*

Practical Composition V
Using words correctly. $44.95
Queue Corporation

Practical Composition I
Making words work. $44.95
Queue Corporation

Practical Composition II
Logical, clear sentences. $74.95
Queue Corporation

Practical Composition III
Selecting the best approach. $44.95
Queue Corporation

Practical Composition IV
Making sentences work. $44.95
Queue Corporation

Practical Composition Package I
Includes Volumes I through III.
$144.95 *Queue Corporation*

Practical Composition Package II
Includes Volumes IV and V. $144.95
Queue Corporation

Practical Vocabulary
High school level drill for recognition and use of definitions, antonyms, synonyms, word roots, prefixes. $54.95 *Queue Corporation*

PU-940 Punctuation
Teaches students how to punctuate properly.
$29.95 *MicroEd*

SP-902 Spelling
Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling and pronunciation.
$29.95 *MicroEd*

SP-903 Spelling
Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling and pronunciation.
$29.95 *MicroEd*

Sp-904 Spelling
Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling and pronunciation.
$29.95 *MicroEd*

SP-905 Spelling
Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling and pronunciation.
$29.95 *MicroEd*

SP-906 Spelling
Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling and pronunciation.
$29.95 *MicroEd*

SP-907 Spelling Detective Game
Learn how to spell the 100 most frequently misspelled words. Also teaches the use of phonemes. $39.95
MicroEd

Spell-A-Fari
Uses synthesized and digitized speech to teach spelling skills. Create and edit spelling lists of up to 54 words. High-quality graphics animations. Six games to print to the printer or play from the computer. $39.95
Designing Minds, Inc.

Speller Bee by First Byte
Talking speller coach encourages students in three challenging word games. Use 150-word list, or make your own. $39.95 *Electronic Arts*

Spelling 1
Expansion Disk for Discovery Spelling game for grades 1 through 10. Requires Discovery program disk. $19.95 *Microillusions*

Spelling 2
Expansion Disk for Discovery Grades 9 through 12. Spelling proficiency advances through ten levels. Requires Discovery program Disk.
$19.95 *Microillusions*

The Word Master Vocabulary Builder
Four educational activities designed to build word-power skills, including placement test and PacMan-type maze game. Designed for grades 3-8. Expandable with Supplementary Data Disk for grades 9-12. $49.95 *Unicorn Software Company*

Usage Boners
In this series of lessons, the user learns to identify common mistakes in usage, such as, I Should Of Know, or He Gave It To Mary And I.
$49.95 *MicroEd*

VO-920
Vocabulary Series High-level package includes words from the New York Times, Atlantic Monthly, etc. Learner-controlled instruction.
$49.95 *MicroEd*

Vocabulary Adventure I
Players earn treasures by answering progressively challenging vocabulary questions.
$59.95 *Queue Corporation*

Vocabulary Adventure II
Players earn treasures by answering progressively challenging vocabulary questions.
$59.95 *Queue Corporation*

Vocabulary Adventure III
Players earn treasures by answering progressively challenging vocabulary questions.
$59.95 *Queue Corporation*

Vocabulary Series Two
In this series of lessons, the user works with words that have the same, or similar, meanings as other words. For example, the words banish and eject could be paired as synonyms. A combination of multiple choice, fill in the blanks, and spelling tasks are involved. The Amiga will provide assistance as needed. $29.95
MicroEd

WD-915 Word Demons
A lesson in usage of homonyms and verbs.
$29.95 *MicroEd*

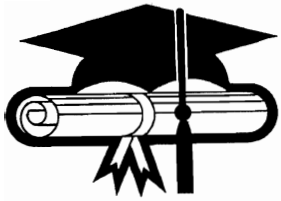
Words That Sound Alike
In this program, the student learns to identify and spell words that sound the same but are spelled differently. For example, wait and weight, or steak and stake. The Amiga provide help when needed. $29.95 *MicroEd*

•ENGLISH AS A SECOND LANGUAGE•

LA-981 Learning English as a Second Language
Five disks per package. English as a second language for the beginner. Features many digitized pictures and the Amiga voice. Mouse controls response. $89.95 *MicroEd*

LA-982 Learning English as a Second Language
5 disks per package. English as a second language for the beginner. Features many digitized pictures and the Amiga voice. Mouse controls response. $89.95 *MicroEd*

Learning English As A Second Language
This 11-disk series begins the job of teaching English as a second language. Digitized pictures are extensively employed. The Amiga speaks throughout the entire series. The MOUSE is the response device. NOTE: This series begins the job of teaching American English as a second



Education

language. As such, it is suitable only for persons who do not yet know English. It would be too simplistic for anyone who beyond that point.
$189.00 *MicroEd*

•FOREIGN LANGUAGES•

Beginning German
MicroEd used its powerful C.L.A.S. authoring system in collaboration with a German language teacher to create this original program of foreign language instruction. The Amiga speaks German throughout every lesson, and will not allow the student to enter any incorrect word, or even a single wrong letter! The program assumes the learner knows English. $69.95 *MicroEd*

French Grammar II
Ten lesson modules.$34.95
Queue Corporation

French Grammar III
Ten lesson modules.$34.95
Queue Corporation

French Grammar I
Ten lesson modules.$34.95
Queue Corporation

Kwik-Speak
Lessons in conversational Spanish. Beginning Spanish covers present tense; Intermediate Spanish covers past and future tenses.
$49.95 *Eclipse Data Management*

Linkword
Languages Software and audio tapes. French, German, Spanish, Italian, Dutch, Greek, Portuguese, and Russian. Uses mental imagery to link foreign words to acoustically similar English words. Learn 400 words in 10 hours, less than 1/3 the time of conventional teaching methods. Ideal for travelers, business people, and first year language students. $29.95
Artworx Software Company

Spanish Grammar I
Ten lesson modules including at least one review of Spanish grammar and vocabulary.
$34.95 *Queue Corporation*

Spanish Grammar II
Ten lesson modules including at least one review of Spanish grammar and vocabulary.
$34.95 *Queue Corporation*

Spanish Grammar III
Ten lesson modules including at least one review of Spanish grammar and vocabulary.
$34.95 *Queue Corporation*

•GEOGRAPHY•

Choromap
Make maps showing any data for any area. Produce basemaps with the mouse.
$51.00 *Bassett Geographic*

Digital Landscape
Lets the user view in 3D the terrain of any area of the U.S., (excluding Alaska and Hawaii). To view an area, data may be entered either from one of the elevation disks which are included with the package or from a topographic map. Digital Landscape uses the data to produce high-resolution, 3D wire-frame renderings and color coded contour maps. User may set map to produce more or less details, rotate map 360 degrees, save to disk as IFF files then transfer to graphics program for the addition of text. Contains over 400,000 elevations taken at regular intervals across the U.S. $124.95
Digiscape Software

FASTFACTS The United States
A United States map with point and click access to detailed information on all 50 states. Also includes U.S. Constitution and Declaration of Independence. $19.95 *BTPSoftware*

Geography Expansion Disk for Discovery
Physical and political geography and more. Grades 9 through 12. Requires Discovery program disk. $19.95 *Microillusions*

Great States II
Fun educational game. Learn important and interesting facts about the United States. Complete tutorials on each state. Game information includes state name, capitol, abbreviation, date entered union, state bird, flower and tree. Plus bonus trivia questions. A great time for the whole family.
$39.95 *Designing Minds Inc.*

U.S. Geography
Adventure Game format teaches student to identify states, cities, and other geographical features of the United States. $59.95
Queue Corporation

World Atlas
World Atlas is the first computerized atlas for the Amiga. It gives you direct access to information and details on more than 170 countries plus all fifty states. With World Atlas you can discover each country's history, population, language, and customs. In addition, World Atlas gives you Earth facts and information about different time sectors and more. To operate the program, you can choose from a displayed world map by clicking on the continent where the country you want is located; then on the location of the country written on the continent. Another way to choose is by using an alphabetical list of the countries. In addition, there is a seek function that allows you to find countries based on information you feed to the computer; such as capital, population, area or language.
$59.95 *Centaur Software, Inc.*

World Geography Adventure I
Game format teaches student to identify countries, cities, and other geographical features of the world. $59.95
Queue Corporation

World Geography Adventure II
Game format teaches student to identify countries, cities, and other geographical features of the world. $59.95
Queue Corporation

World Geography Adventure III
Game format teaches student to identify countries, cities, and other geographical features of the world. $59.95
Queue Corporation

World Geography Adventure IV
Game format teaches student to identify countries, cities, and other geographical features of the world. $59.95 *Queue Corporation*

•HEALTH•

Diabetic Diet Manager
Assists the diabetic in food selection based on his/her doctor's recommendations.
$49.95 *Lee Software*

Health Med
Comprehensive home medical guide.
$99.00 *Lee Software*

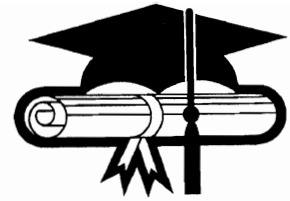
Nutri-FAX
Nutritionally analyze your recipes for the most common nutrients. Data base utilizes food items from USDA Handbook 8 and allows for easy user expansion. Includes Variety Cookbook Recipe Disk with over 150 recipes edited for home use
$59.95 *Meggido Enterprises*

Nutrition Guide for the Home
Provides nutritional information on a personal basis. Recipe analysis, and daily intake analysis.
$89.95 *Lee Software*

Nutrition: A Professional Guide
A nutrition planning, reference, and analysis tool for the professional (2 disks). $199.95
Lee Software

SC-936 Aids Information Game
Provides basic information on the AIDS virus in a game format for 1-4 people. $39.95 *MicroEd*

Education



Total Control Diet
A high-tech approach to weight control and diet. Personal history and specific daily recommendations. $49.95 *Lee Software*

•HISTORY•

All About America
U.S. history and geography with 16 stories, illustrations, questions, maps and quizzes. Ages 6-11. 2 disks. Each story is followed by comprehension and vocabulary questions. Map disk covers states and capitals, directions, postal abbreviations, North & South before the Civil War, colony maps. Uses speech as an extra stimulus. $59.95 *Unicorn Software Company*

American History Adventure
Students meet and identify American historical characters in a challenging game format
$59.95 *Queue Corporation*

History
Expansion Disk for Discovery Grades 9 through 12. Ancient through modern history. Requires Discovery program disk. $19.95
Microillusions

SS-951 Lewis and Clark Expedition
Five disks. 50 digitized photographs and drawings provide pictorial settings for Lewis' and Clark's $89.95 *MicroEd*

SS-952 Across the Plains
Two disk set program features 20 digitized pictures depicting the journey of Americans across the Great Plains to the West Coast.
$59.95 *MicroEd*

SS-953 Early Great Lakes
A 3 disk book on the fur trade. Interactive text, 30 digitized pictures of the European-Indian relationship in the 17th-19th centuries.
$79.95 *MicroEd*

SS-954 Making our Constitution
Four disks. Features digitized pictures of the people and events associated with the making of the Constitution. $79.95 *MicroEd*

SS-955 Transcontinental Railroad
Interactive instructional program with digitized pictures of the story of the transcontinental railroad. $39.95 *MicroEd*

SS-956 Introducing Maps
2 disks. Digitized pictures. Improves students' knowledge of geography. $59.95
MicroEd

•LOGIC•

Lessons in Reading and Reasoning
The complete four disk Reading and Reasoning series which teaches logic and reading by examining various fallacies. For a more complete description of the individual lessons, please refer to the separate listings below. $149.95
Queue Corporation

Lessons in Reading and Reasoning 1
Lessons in reading and reasoning teach logic and reading by examining various fallacies. Lesson 1 examines shifty-word fallacies and circular reasoning. For grades 9 and up.
$39.95 *Queue Corporation*

Lessons in Reading and Reasoning 2
Lesson two addresses fallacies of inadequate data and the red herring fallacy. For grades 9 and up. $39.95 *Queue Corporation*

Lessons in Reading and Reasoning 3
Lesson three examines stereotyping. For grades 9 and up. $39.95 *Queue Corporation*

Lessons in Reading and Reasoning 4
For grades 9 and up. Lesson four examines sexism fallacies and proverbs. $39.95
Queue Corporation

The Logic Master
Helps develop high-level thinking skills in analogies and number series. Includes fantasy role playing game. Grades 5-12.
$49.95 *Unicorn Software Company*

•MATH•

Algebra I
Evaluate, plot, and simplify algebraic expressions. Work with functions, numeric expressions, geometric measurement, systems of equations, and radicals. Find roots and solve quadratic equations, linear equations, more.
$49.95 *True BASIC, Inc.*

Arithmetic
Educational programs for studying and reviewing topics in arithmetic. Includes fractions, percent, square roots, metric system and more.$49.95 *True BASIC, Inc.*

Balancing Act
The learning objective is to be able to check a bank statement for errors through addition and subtraction. The student views a checkbook that includes deposits and withdrawals. Errors must be identified. Accuracy and speed are the factors that will either elevate the player to bank president or land in unemployment.
$29.95 *MicroEd*

Boomeraid
Witness outback bushmen removing social undesirables from city park using spear and boomerang. These weapons follow graphed flight paths, with control through a mathematical equation. Also included: Mathbench graphing tutor, teaching graphing concepts, 20 questions to test knowledge on subject matter. Games uses concepts learned in tutor. $39.50
TSA Media

Calculus
Educational program covers general topics in calculus. Includes graphing and a routine to perform symbolic differentiation on any y=f(x) function. Display formulae for multiple derivatives, and plot the function and its derivatives on single graph. Topics include limits, tangents to a curve, minima and maxima, area under a curve using approximation methods, more. $49.95 *True BASIC, Inc.*

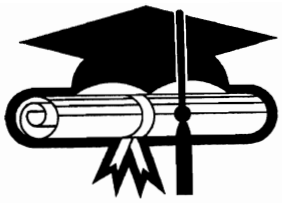
Decimal Dungeon
Escape the dungeon master by answering math decimal problems. Age 9 and up. Full-screen explanations are given for incorrect answers. Choose to add, subtract, multiply, divide decimals or to convert them to percents or fractions. Arcade-style game with each player on his or her own difficulty level. $49.95
Unicorn Software Company

DESCARTES!
2-D graphing package; allows up to 50 equations composed of all standard operators and functions to be displayed simultaneously in a palette of 8 out of 4096 colors. Calculates derivatives of functions instantly. Allows easy formatting of axes, grids, as well as labelling, either linear or logarithmic. $39.95
Mindware International

Discrete Mathematics
Educational foundation for introducing computer science. Construct truth tables, Venn diagrams, build binary trees and do binary searches, compare sorting algorithms under different conditions. Includes True BASIC source code. $49.95 *True BASIC, Inc.*

Doug's Math Aquarium
Graphic program plots mathematical expressions in 2D and 3D color.
$89.95 *Seven Seas Software*

Fraction Action
Escape the mad professor by answering math fraction problems. Incorrect answers lead to full-screen explanations. Age 9 and up. Arcade-style game for 1 or 2 players with each in his own difficulty level. Choose to add, subtract, multiply or divide fractions. $49.95
Unicorn Software Company



Education

Fraction Concepts
There are four programs on this disk. They teach the primary concepts and skills needed to work with fractions. Topics include writing proper and improper fractions and mixed numbers, identifying equivalent fractions, and reducing fractions. $59.95 *MicroEd*

MA-904 Sum-It Mountain
Grades 1-8. Success depends on the student's ability to add numbers rapidly. Carry flag to top of mountain; mistakes return you to the bottom. Clock records climbing time. Brings students to the "peak" of successful addition!
$29.95 *MicroEd*

MA-908 Medal Winner
Grades 4-8. Arrange digits of two numbers to produce the highest product. Create a multiplication problem with three digits (four in advanced level) that will produce highest product. Teaches logic as well as multiplication.
$29.95 *MicroEd*

MA-909 Pinball I.Q.
Grades 3-8. Division lessons combined with a video pinball game. Find the whole number part of a quotient in division. Correct answers light up bumpers on a pinball machine and build up score. Game ends when all numbers are lit.
$29.95 *MicroEd*

Math 1
Expansion Disk for Discovery Basic four-function math drills for grades 1-7. Requires Discovery program disk. $19.95
Microillusions

Math Concepts
Expansion Disk for Discovery Grades 9 through 12. Prepare for SATs, practice problems in algebra, geometry, trig and more. Requires Discovery program disk. $19.95
Microillusions

Math Doctor
Teach all basic math functions just like the schools do. Whole numbers and fractions, decimals too. Use borrows and carries just as you would on paper. Easy to use graphics. Interface with speech and positive reinforcement.
$39.95 *Designing Minds, Inc.*

Math Wizard
Four educational math games for 1 or 2 players, ages 5-13. Talking program with several skill levels. Add, subtract, multiply, divide or learn how to do word problems. Players can practice math together with each on his own difficulty level and mathematical operation.
$49.95 *Unicorn Software Company*

Math-A-Magician
Add, subtract, multiply or divide fractions or whole numbers. Play, practice and learn. Features graphics and speech. $39.99
The Other Guys

MathTalk by First Byte
A talking computerized math tutor teaches addition, subtraction, multiplication, division. Ages 5-13. $39.95 *Electronic Arts*

MathTalk Fractions by First Byte
Talking tutor helps students master fractions, decimals and percentages. Teaches students to complete assignments, prepare for tests, and gain new confidence in class. Age 8-15.
$39.95 *Electronic Arts*

Maxi Taxi
The learning objective is to determine maximum earnings in a work situation by relating time to money. The student earns as much as possible per hour as a taxi driver. Potential is based on the rate and the time each ride consumes.
$29.95 *MicroEd*

Parking Lot
The learning objective is to make the greatest business profit by applying the law of supply and demand. The student attempts to fill all the spaces in a parking lot by charging the highest monthly rate that the traffic will bear.
$29.95 *MicroEd*

Pre-Calculus
An introduction to calculus and trigonometry. Educational programs for plotting and comparing functions, manipulating range. Solve triangles, learn polar coordinates, overlay functions on same graph or manipulate range. Solve triangles using SAS, ASA, SSS, and SSA methods. More. $49.95 *True BASIC, Inc.*

Probability Theory
Introduction to probability theory and decision-making processes. Simulate coin toss, dice throw, and random walks. Introduce normal and Poisson distributions and the Central Limit Theorem, Bayes Probabilities, Markov Chains. Many useful examples like gambler's ruin Galton Box, birthday problem, and craps. Tools for Venn diagrams, more. $49.95 *True BASIC, Inc.*

Scare City Motel
The learning objective is to maximize business earnings by equating supply with demand. As a motel owner, the student's goal is to make the highest profit. If there are more customers than rooms, rates can be raised. If too many rooms are empty, rates should be lowered. The learner's business skill is evaluated. $29.95 *MicroEd*

Space Math
An out-of-this-world way to learn math.
$14.95 *Intracorp*

The Enchanted Cash Register
A great way to teach children about money. Run an imaginary or real store. Figure totals and change due. Keep an inventory list with prices and descriptions for easy use. Fun graphics interface to make learning fun. $39.95
Designing Minds, Inc.

Trigonometry
A general-purpose software tool which can be used to illustrate concepts in a trigonometry course, or advanced algebra with a trigonometry unit. Solving triangles, roots of functions, combining functions, trigonometric identities and polar coordinates, with a choice of radians or degrees for examples. $49.95 *True BASIC, Inc.*

TrueSTAT
Educational programs use an interactive approach to introduce statistical analysis. Many topics. Features built-in editor and syntax.
$49.95 *True BASIC, Inc.*

•MUSIC•

Music Student Series
Provides drill and review exercises in basic music fundamentals. All ages can use Music Student independently and can select different levels or sets of questions with ease, while progressing at their own pace. Teachers can make assignments or students can select their own topics. Computer keeps score. Also reinforces ear training and music skills for beginning and intermediate music students. Any Amiga; requires 512K. $59.95 *ACS Software*

•SCIENCE•

All About Whales (story diskette)
Fun and informational story all about whales. Learn different types and classifications of whales. What they eat and where they live, plus much more. (For use with Talking Storybook reader diskette.) $29.95
Designing Minds, Inc.

Distant Suns
Version III of the award winning Galileo planetarium simulation. Distant Suns won the '88 CES (Computer Electronics Show) award for the most innovative educational product and Amazing Computing's best educational product for '89. Distant Suns turns your Amiga into a planetarium. The sky can be viewed from any place on Earth or from the North Pole lying on your back looking upward in planetarium mode.

The program accurately replays 10,000 years of what the sky looked like and it projects 10,000 years into the future. It is a very beautiful and realistic color simulation of the sky created by R. Mike Smithwick, a NASA astronomer, and published by Virtual Reality Laboratories. This vastly complex program fully uses the power of the Amiga, but Sky and Telescope magazine says, there are complex programs you can learn to operate so quickly and effortlessly. Galileo (now Distant Suns) is fun, in addition to being powerful and visually stunning. Requires 512K. $69.95 *Virtual Reality Laboratories, Inc.*

(please see display ad at right)

FASTFACTS The Elements
A colorful periodic table with point and click access to detailed information on each of the 106 elements. $19.95 *BTPSoftware*

FASTFACTS The Solar System
A view of the solar system with point and click access to detailed information on the sun, asteroids, planets, and their moons.
$19.95 *BTPSoftware*

I.C.E. Integrated Calculation Engine
Programmable calculator construction system. Design customized calculators which are fully programmable and include an integrated program editor. Over fifty advanced functions are included supporting math, engineering, scientific, logical, trig, statistical, and financial operations. Additional functions can be user programmed. Alternate key sets on each calculator allow binding of complex formulae to single keys. Hex, decimal, and binary systems are supported. Graphic plotting window with scalable grid for visual data analysis. HOT KEY activation of calculators. Fully Intuition compatible for multitasking versatility. Example calculators and programs included
$49.95 *King Publishing*

Lightforce
The player controls several different crafts, carrying mirrors, lenses, etc. And must control fireballs of light. Many puzzles must be solved, using prisms, focussing, curved mirrors, etc. A complete optics tutor is also included in this 2-disk package, explaining the rules of light. Both disks over 90% full. Examples, multi-choice questions, etc. complement this 18-level action/strategy game. $39.50 *TSA Media*

Physics of Motion
A tutorial and self-study guide of mechanics with interactive problem solving. $49.95
Lee Software

SC-935 Planet Probe
Grades 3-9. Teaches facts about the solar system through an arcade-style space simulation. Learn about planets and build up fuel supply as you attempt to land space ships safely on nine planets. $29.95 *MicroEd*

The basics. Space and time. From an ice-age antler minutely etched with lunar phases to the inconceivably detailed information patterns transmitted by the Hubble Space Telescope, man has sought answers to basic questions about the universe in astronomy.

The best. Turn off the lights. Distant Suns, home grown on the Amiga™, presents the subtle colors of the night sky. No other astronomy program on ANY platform can do that.

Get it. A real time machine. Galileo upgrades and dealer demo disks available. Virtual Reality Laboratories.
(805) 545-8515

Circle 107 on Reader Service card.

Science Expansion Disk for Discovery
Grades 9-12. For education or SAT preparations. Covers general science. Requires Discovery Program Disk. $19.95 *Microillusions*

Space Photos
A pictorial history of the U.S. space program. 170 digitized and annotated color pictures from NASA archives (no NASA endorsement implied) from the first explorer launch through the Apollo series and moon missions. Space Shuttle missions, space probes Mariner and Voyagers I & II with actual pictures of the planets and their moons out to Uranus. Speed user option, files for decompression of pictures to IFF format (two disks). $29.95 *Signs Etc. by D. Knox*

The Planetarium
See over 9,000 stars to 7th magnitude. Hemisphere and topocentric views, latest NASA stellar and planetary ephemerides, skies from 12,000 years in the past to 9,000 years into the future. Accurate representations account for recession, mutation, and atmospheric refraction.
$69.95 *Microillusions*

•SOCIAL STUDIES•

ED/SS
SS-909 Social Studies Vocabulary Elementary level. Social studies vocabulary in farming, forest, desert, ocean, manufacturing, trading and political fields. $29.95 *MicroEd*

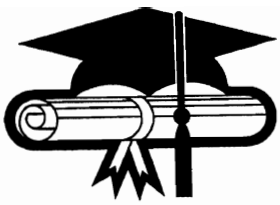
ED/SS
Social Studies Expansion Disk for Discovery Politics, religion, population growth and more. For grades 9 through 12. Requires Discovery program disk. $19.95 *Microillusions*

ED/SS How a Bill Becomes a Law
Realistic interactive game in which students become Congressmen trying to pass a bill.
$49.95 *Queue Corporation*

•TEACHING AIDS•

(see also MISCELLANEOUS SOFTWARE/ Authoring Systems)

AU-901 CLAS Computerized Lesson Authoring System
For those who wish to create their own interactive teaching lessons, but have no



Education

programming skills. CLAS has the answer: Tell the Amiga what you want and let it write the program. CLAS lets you write imaginative programs that utilize all the Amiga's capabilities. You can use the digitized picture screens, add voice and music, custom-design all your programs. CLAS contains English, German, Spanish, and French alphabets.
$99.00 *MicroEd*

C.L.A.S. (Version 1.2)
This 3-disk program is designed for Amiga users who do not know how to program, but who does know what they want in the way of educational software. They know the subject matter, how the learner is to interact with that subject matter, and what speech and pictures should be included. The necessary commands can be given in plain English, whereupon the Amiga itself will automatically write the desired program for you!
$129.95 *MicroEd*

FTD Pilot
Programmed Inquiry Learning or Teaching. FTD Pilot implements the PILOT language developed for CAI. Unlike earlier PILOT versions, FTD PILOT uses much of the Amiga's graphics and sound capability. Good for writing lessons and preparing (including IFF), sound, record keeping, laser disk control, more. Requires 512K with hard disk for optimal graphics. Uses Kickstart 1.2 +. $39.95
Flight Training Devices

Grade Manager
Grade and student report maintenance program for quick and accurate grade reporting and recording. Selective queries allow you to retrieve individual or group grades. Full-featured, powerful, provides useful tool. For any Amiga; requires 512K. $89.95 *ACS Software*

Learning Curve
Create group or individual quizzes, tutorials or drills. Simple movement through the function commands make lesson preparation much easier. Choose from True/False, Multiple Choice, Fill-in, and Answer Question. Allows up to 15 correct answers to allow questions with more than one answer. Test scores and percentages can be retrieved for screen display or printout. $79.95 *ACS Software*

Quiz Master
Allows teachers to create lessons in any subject. Eight levels (240 questions) up to 40 questions per lesson. Different question formats: T/F, fill-in, answer. Supports sound, music, and graphics.
$79.95 *Associated Computer Services*

•TEST PREP•

Analogies I
Analyze, solve, and practice analogies to improve scores on college aptitude tests.
$60.00 *Queue Corporation*

Analogies II
Analyze, solve, and practice analogies to improve scores on college aptitude tests.
$60.00 *Queue Corporation*

Antonyms
Prepares students for college aptitude tests by identifying and explaining antonyms through examples and drills. $34.95
Queue Corporation

College Aptitude Reading Comprehension Exercises
Practice for high-school level readers; helps prepare for college aptitude tests.
$65.00 *Queue Corporation*

Language Expansion Disk for Discovery
Speech, grammar, vocabulary, communications and much more. Prepare for SAT's. Requires Discovery program disk. $19.95
Microillusions

Sentence Completion
Reading comprehension exercises help students improve scores on sentence completion items on college aptitude tests. $35.95
Queue Corporation

•TYPING•

IntelliType
Sophisticated typing program combines customized lessons with an adventure story. Monitors errors, recognizes when wrong hand is used. Bar charts show accuracy, speed, and error type. In-depth analysis of error types. Performance analyzed over each lesson or all lessons combined. Sets goals based on initial skills. More. $19.95
Electronic Arts Software Classics

Mavis Beacon Teaches Typing
Typing program for all ages, from 5-50+. Her arcade-quality Road Racer Game and 3D graphics knock your socks off from start to finish. She speaks in easy, conversational sentences and, using Artificial Intelligence, diagnoses your specific typing problem quickly, and creates a typing program just for you. She builds her lessons from interesting texts like the Guinness Book of Worlds records, jokes, riddles, and fun facts for all ages. $49.95
The Software Toolworks

Typing Tutor+ Word Invaders Typing tutor/game. Typing Tutor teaches touch typing. Word Invaders uses game to teach typing techniques. Blast the invading words out of the sky. Game speed, selections for beginner to advanced. $34.95 *Academy Software*

•GENERAL•

Designasaurus™
Three programs in one! Walk-A-Dinosaur, where the user walks either a Brontosaurus, Stegosaurus or Tyrannasaurus Rex through three ages. Build-A-Dinosaur by combining a head, neck, tail and body from several different real dinosaurs, and Print-A-Dinosaur-where 12 dinosaurs can be printed out in its natural habitat along with a description. Using DeluxePaint by Electronic Arts, color your favorite Dino and print the creature out. $49.95
Britannica Software

Discovery
Game Disk with Math or Spelling. Save the Starship Discovery by guiding crew members through the starship and answering questions. Avoid the aliens, collect fuel crystals, and save the ship. Easy playability and compelling graphics. Game disk in Math or spelling; expansion disks in Trivia 1 and 2, Science, History, Geography, Spelling 1 and 2, Math 1 and 2, Math Concepts, Language, and Social Studies.
$39.95 *Microillusions*

Magical Myths
Three stories with graphics, glossary, and questions. Several games, mini-word processor. Ages 8-12, 1-2 players. Helps build important vocabulary and comprehension skills while learning about the wonders of the ancient Greek myths. Uses speech. $49.95
Unicorn Software Company

Trivia 1 Expansion Disk for Discovery
Trivia categories include Nobel Prize winners, sports, and famous quotes. Discovery program disk required. $19.95 *Microillusions*

Trivia 2 Expansion Disk for Discovery
Trivia categories include movies, space travel, and famous people. Discovery program disk required. $19.95 *Microillusions*

Where In The U.S.A. Is Carmen Sandiego?
Now she's out to steal the great treasures of the United States. As you travel, you'll learn about the geography, economy, and history of all 50 states plus the District of Columbia. Package includes Fodor's USA travel guide. You'll work your way up through ten detective ranks. Also available in school edition. $49.95
Broderbund Software Inc.

DESKTOP PUBLISHING

City Desk 2.01
Create great looking newsletters, brochures, flyers, resumes, and more. Import text from most Amiga word processors and graphics from any IFF paint program, or create the text and graphics completely from within City Desk. Features include: no copy protection, automatic kerning in PostScript, multiple pages on screen, text flow around irregular graphics, supports 24 pin printer, HP Laserjet and Postscript. Also free newsletters and technical support! Version 2.01 offers support for C Ltd's Laser Express and PAL.
$199.95 *MicroSearch Inc.*

Comic Setter
A complete comic generator for the Amiga. Bitmap and structured graphics, layering tools, automatic text balloon generation. Includes clip art, fonts. Prints in B&W or color.
$99.00 *Gold Disk Inc.*

DeluxePrint II v1.1
DeluxePrint II version 1.1 is a personal creativity program for producing and printing a variety of messages for use in the office, home or school. DeluxePrint II makes the creation of practical printouts quick and easy. It contains seven predesigned formats including signs, greeting cards, banners, letterhead, calendars, 4-panel signs, and labels. The program also includes over 150 multi-colored graphics and borders, and a variety of standard Amiga and custom fonts. DeluxePrint II provides full control over every design, by allowing the user to replicate, move, resize, flip, and rotate their text and graphics at will, and by providing a full-featured graphics editor for creating their own clip-art or customized graphics. In addition, DeluxePrint II can import DeluxePaint or other compatible programs to be used as background images, and supports the growing library of fonts for the Amiga. Upgrades for the DeluxePrint II 1.0 are available to customers who send in both their art and program disks to P.O.Box 7578, San Mateo, CA. 94403-7578. $79.95
Electronic Arts

PAGESETTER II
PAGESETTER II, is easy to learn and simple to use because it utilizes the same intuitive user interface as Professional Page. PAGESETTER II allows you to produce any type of document: newsletters, flyers, resumes, advertisements, brochures and more, with ease and speed. Text may be imported from any Amiga word processor or typed directly onto the page. Bitmap graphics can be imported from any Amiga IFF paint program and structured graphics may be taken from Gold Disk Professional Draw; and all graphics may be resized, scaled, cropped or moved. In addition, useful structured drawing tools are included in the program, allowing the user to create rectangles, ellipses, and polygons as needed. PAGESETTER II will automatically convert graphics into high quality gray-scaled images. User definable line weights and fill patterns are also included. Other features include page sizes to 8-1/2 x 14, an unlimited number of columns, 4 levels of magnification, rulers, grids, margins and measurements in inches, picas or centimeters. US: $129.95; Canada: $149.95
Gold Disk Inc.

PageStream
A stand-alone desktop publisher. Allows you to write, format, design graphics, import and export text and graphics, spell check, auto-hyphenate, print to preferences or proprietary printers. Treat text as a graphic object and much more.
$199.95 *Soft-Logik Publishing Corporation*

Professional Page
Precision typesetting, full-featured word processing, CAD support, IFF color graphics. Uses bitmapped or structured graphics. Versatile page layout capabilities. Outputs to laser printer, typesetter. Supports dot matrix.
$395.00 *Gold Disk Inc.*

Publisher's Choice™
The Publisher's Choice Desktop Presentation Package combines KindWords 2.0 and Pagesetter 1.2 into an integrated wordprocessor/ page layout system. Also included are the Artist's Choice Artpack with over 200 IFF graphic

Desktop Publishing

images, and HeadLine FontsPack offering over 35 different font styles and sizes. Together, these programs provide a complete solution to desktop publishing and presentation requirements, offering capabilities for designing flyers, creating newsletters, or producing a lengthy magazine.
$199.95 *The Disc Company*

• DRAWING PROGRAMS •

Laser Up! Draw
PostScript screen drawing and illustration package duplicates most PostScript drawing functions. Many features include: structured drawing, smooth curves, outline screen fonts, rotated text, help windows, auto tracing, color separations and more. Saves in EPSF format. Choice of text drawing speed. Unlimited object blends. $124.95 *Laser Up! Software*

Professional Draw
An extremely high-powered graphic arts tool that will become a standard design instrument for any Amiga user. Offers a varied assortment of powerful drawing tools including circles, ellipses, rectangles, polygons, and bezier curves. Import existing IFF files or HAM images and transform them into fully editable structured drawings using 4-point continuous beziers, user definable line weights and fill patterns, and a virtually unlimited range of color. Output detailed graphics to the highest resolution of dot matrix devices. Built-in color separator will prepare your color graphics for mechanical or process color offset printing.
$199.95 *Gold Disk Inc.*

• CLIP ART •
(see also GRAPHICS/Paint/Clip Art)

AMIzoo
First three disks(Frogs, Fish1, Birds1) of full color Animal brushes in an eventual 30+disk set. Each volume will focus on a specific animal or species. $44.95 (3 Disks)
Eyeful Tower Communications

Art Gallery I & II
Supplemental clip art for PrintMaster Plus. 140 graphics, mixed themes $39.95
Unison World

Art Gallery: Fantasy
Fantasy theme supplemental clip art for PrintMaster. 120 graphics. $29.95
Unison World

City Desk Art Companion Vol. 1: People and Technology
200 Med-res images of people in various occupations, as well as objects from Amigas to weapons. $29.95 *MicroSearch Inc.*

City Desk Art Companion Vol. 2: Banners, Borders and More
Two disks of 200 high-res IFF graphic images, including banners, scrolls, billboards, silhouettes and more.$29.95 *MicroSearch Inc.*

City Desk Art Companion Vol. 3: Brushes and Screens
Two disks of 200 high resolution IFF graphic images including textures and patterns to be used as backgrounds or fill patterns.
$29.95 *MicroSearch Inc.*

City Desk Art Companion Vol. 4: Holidays and Sports
200 medium resolution IFF graphic images of holidays and sports. $29.95 *MicroSearch Inc.*

Comic Art-Science Fiction
Science fiction clip art Comic Setter with body parts, backgrounds, props. Can be used with any IFF program. $34.95 *Gold Disk Inc.*

Comic Art-Super Heroes
More clip art for Comic Setter. Two disk module features Super Heroes. Can be used with any IFF program. $34.95 *Gold Disk Inc.*

ComicArt-Funny Figures
Professionally-drawn clip art for ComicSetter featuring looney-toon-style figures, backgrounds, and props. Can be used with any IFF program. $34.95 *Gold Disk Inc.*

Eclips
Structured clip art in ProDraw format. Requires ProDraw or Professional Page 1.2 or higher. PostScript device required for output with ProPage. Over 300 pieces of high quality black and white clip art on four disks. No jaggies.
$99.00 *AlohaFonts*

PIC-MAGIC
A ten disk set of over 250 images. Manual explains suggested use of images as well as the psychology behing many of them. Some images draw the eye to a particular spot on a page while others convey a certain mood. Images can be resized using DPaint III or a comparable program. PIC-MAGIC is an unlimited resource library for computer enthusiasts, desktop publishers and animators. IFF format, most over 1000 by 1000 pixels. The full set now includes a bonus two disks for a total of 12!) which include the entire 250+ images sized down for easier video use. Also available in Encapsulated PostScript format for Desktop Publishing.
$99.95 *Joe's First Company*

PIC-MAGIC™—EPS Version
The entire PIC-MAGIC collection (see above) in Encapsulated PostScript version for desktop publishing. Usable with PageStream, Professional Page and any other PostScript-capable Amiga DTP programs. Infinite resizing with no jaggies! $99.95 *Joe's First Company*

QUICK-ART™ Borders & Vignettes 2.1
A newly upgraded 2-disk set designed especially for desktop publishing and print-style applications. The QUICK-ART collection includes over 60 decorative black and white 'brush-format' illustrations for announcements, invitations, memos, newsletters, cards or menus. There are also 100 borders tops and bottoms, 30 side borders, over 20 color illustrations and a 30-page manual and reference guide. Requires 512k RAM. $39.95 *CLASSIC CONCEPTS Futureware™*

SuperClips
Structured clip art for use with desktop publishing software like Professional Page, Professional Draw, PageStream, PixelScript, and others. Grey scale images may be colored to taste for jaggie-free printing as full color separations, gray-scale, or black and white. Images may be resized at will without loss of definition for magazine quality output. Highly detailed art features professional quality not found in simple silhouette cutout clip art. Unusual images unique to the marketplace guarantee the personal touch to your publications. Very modern, very affordable, very professional art in useful categories: High Tech, Domestic, Plants, Unusual Symbols, Kitchen, Celestial, Transport, and Borders. Hundreds of objects can also be re-assembled for custom creations using Professional Draw (© Gold Disk). 3D effects used throughout for visual impact. Encapsulated Postscript Format (EPSF) compatible.
$29.95 *King Publishing*

The Zymbol Library Volume 1
Hi-res brushes for graphic design, grouped by culture and period. Most in B&W for desktop publishing and paint programs.
$29.95 ($75.00 for three volume set)
EyefulTower Communications/EarfulTower Productions

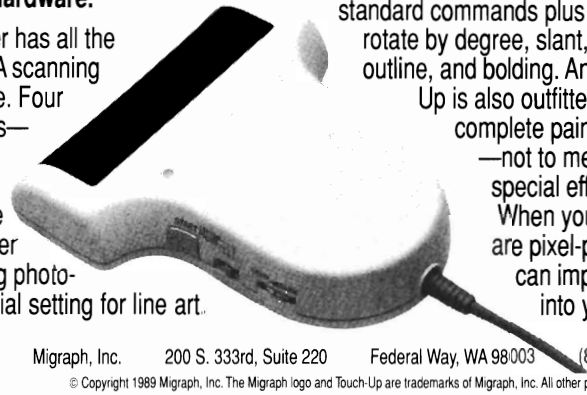
At last, a scanner with an artist's touch.

With the Migraph Hand Scanner and Touch-Up™ you can now produce professional-quality high-resolution scanned graphics from start to finish—without changing programs.

This unbeatable hardware-software team lets you scan, edit, and enhance images until they're exactly right for all your desktop publishing projects.

Start with quality hardware.

The Hand Scanner has all the features you need: A scanning window over 4" wide. Four scanning resolutions—100, 200, true 300, and true 400 dots per inch. Adjustable contrast. Three dither settings for scanning photographs. Plus a special setting for line art.



You can build your own library of images from logos, photographs, books, and illustrations. And that's just for starters.

Finish with software that won't quit.

With Touch-Up, Migraph's complete design tool for high-resolution monochrome images, you can put the finishing touches on every image you scan. Touch-Up's powerful editing functions include standard commands plus extras like rotate by degree, slant, stretch, outline, and bolding. And Touch-Up is also outfitted with a complete paint program—not to mention special effects. When your images are pixel-perfect, you can import them into your favorite Amiga publishing programs like Professional Page™ and Page Stream™. A variety of load/save formats also lets you use images on the PC, Mac, and ST.

Last but not least: The Migraph Hand Scanner and Touch-Up are easy to learn and easy to use.

See you dealer today for more details or call Migraph toll-free.

The Migraph Hand Scanner and Touch-Up. Powerful tools for professional publishing.

For Amiga 500, 1000 and 2000 systems with 1MB memory. A hard disk is recommended.

MIGRAPH INC

Migraph, Inc. 200 S. 333rd, Suite 220 Federal Way, WA 98003 (800) 223-3729 (10 to 5 PST) (206) 838-4677

© Copyright 1989 Migraph, Inc. The Migraph logo and Touch-Up are trademarks of Migraph, Inc. All other products named are trademarks of their respective companies.

Desktop Publishing

The Zymbol Library Volume 2
Hi-res brushes for graphic design, grouped by culture and period. Most in B&W for desktop publishing and paint programs.
$29.95 ($75.00 for three volume set)
EyefulTower Communications/EarfulTower Productions

The Zymbol Library Volume 3
Hi-res brushes for graphic design, grouped by culture and period. Most in B&W for desktop publishing and paint programs.
$29.95 ($75.00 for three volume set)
EyefulTowerCommunications/EarfulTower Productions

World Symbol Library (Vols. 1-3)
The 1st three volumes in an eventual 30+ volume set of world mystical, religious, and ritualistic symbols. These 1st three volumes focus upon dynastic Egypt & Celts. All are in Hi-Res (color and grayscale). Available February 1990. $44.95
Eyeful Tower Communications

WRAP Session #1
Eight disks of new superlative Hi-Res wraps for your favorite paint program. $79.95
Eyeful Tower Communications

•FONTS•

AmigaMETAFONT
This font compiler is an auxiliary software package to AmigaTeX. Features generation of new fonts at different sizes, resolutions and aspect ratios. $75.00 *Radical Eye Software*

AmigaTeX
Sophisticated typesetting software. 10 disks with full TeX functionality, ARexx compatibility. Includes TeX, preview, iniTeX, LaTeX, SliTEX, and BibTeX. Over 1500 previewer fonts. Free demo disk. $200.00
Radical Eye Software
(please see display ad opposite page)

Fonts & Borders
40 supplemental fonts and borders for PrintMaster Plus, and free upgrade disk for original PrintMaster. $34.95 *Unison World*

Fontset 1
Fonts include Times, Helvetica, Courier. Several point sizes. $34.95 *Gold Disk Inc.*

Laser Up! Fonts Vol. 1
Three new downloadable analytic fonts for PostScript printers. Round, Classic, and Showtime, from 2 pts. to at least 64,000. Professional Page (Gold Disk) compatible. Also, now includes screen versions of each font plus Adobe Font Metric files (AFM) and ProPage metric files, and a ProPage install script file. $49.95 *Laser Up! Software*

Laser Up! Utilities Vol. 1
PostScript procedures for typesetting. Standardized formatting commands for many functions. New Intuition user interface
$39.95 *Laser Up! Software*

Newsletter Fonts, Vol. I
Over 100 fonts designed by Andre Page. Roman and Helvetica are ideal for mapping to PostScript laser printer as screen representation fonts. $46.25+ $3 S&H
Interactive Softworks

Outline Fonts
These high-quality AGFA Compugraphic outline fonts are designed for use with Professional Page v1.3 & higher as well as Professional Draw. All are postscript compatible which will output to the highest resolution of any type of printer. Also included is a utility to allow you to convert these fonts to standard Amiga bitmap fonts.
Price Unavailable *Gold Disk*

ProFonts: Volume I
High quality fonts for use with ProWrite™. Package includes System Mover to move fonts and other system fonts from disk to disk, and allows you to install fonts on the Workbench disk. $34.95 *New Horizons Software*

ProFonts: Volume II
High quality, decorative fonts give visual appeal to ProWrite™ documents. Package includes System Mover to move fonts and other system fonts from disk to disk, and allows you to install fonts on the Workbench disk.
$34.95
New Horizons Software

Storybook Capitals 2.1
Brush fonts especially designed to liven up your desktop publishing applications, newsletters, correspondence, posters, signs, and school worksheets. These are like the large, decorative capitals and calligraphy fonts found in children's storybooks and the old illuminations. Sizes range from 50 to 180 lines high, displayable in any resolution. They are easily inserted as brushes into paint and desktop publishing programs and don't require large amounts of memory to use. Requires 512k RAM. $24.95
CLASSIC CONCEPTS Futureware™

SuperFont Sampler 2.1
A 2-disk set including a 35-page manual, more utilities and 60 font styles from 7 to 34 lines high. Great starter package with no compromise in quality for the budget-minded who need a variety of small-to-medium fonts for newsletters, word-processing and educational applications. Requires 512k RAM.
$34.95 *CLASSIC CONCEPTS Futureware™*

•FORMS•

Award Maker Plus
Easy to follow program creates awards, certificates, licenses, coupons, or other documents you design. Program prints hundreds of pre-designed award styles, allowing you to choose text style, enter your own message, and select the border style and color. In some styles, you can enter your own hi-res picture. Features professionally designed color and B&W borders, gold embossed press-on seals, and class name file capability.
$49.95 *Baudville*

•PRINT UTILITIES•

360 dpi Fonts
Complete set of 360 dpi fonts for the NEC 24-pin printers. Requires the NEC P6 driver and AmigaTeX, 10 disks. $75.00
Radical Eye Software

ASDG-RESEP
Requires Professional ScanLab and Professional Page. Allows 24 bit separations done by Professional ScanLab to be used in Professional Page. This results in printed output (to typesetters or other high quality output devices) with 16 million colors (true color).
$59.95 *ASDG Inc.*

Epson FX Printer Driver
AmigaTeX driver and fonts for the Epson FX, MX, JX, and compatible series of printers. Also

includes separate driver for almost all Epson-compatible printers, 10 disks. $100.00
Radical Eye Software

FinePrint
Multiple gray-shade print program works with most dot-matrix printers. Makes highly-detailed prints with true shades of gray. Makes near-photograph quality prints. Makes postage stamp-sized as well as mural-sized prints. Mouse-oriented and easy to use. $49.95
Designlab

ImageWriter II
Driver AmgiaTeX driver for the ImageWriter II, 2 disks. $100.00 *Radical Eye Software*

Laser Printer Drivers
AmigaTeX laser drivers. Includes drivers for 300 dpi PostScript printers, the HP LaserJet Plus and Series II, the QMS Kiss and SmartWriter, and the HP DeskJet printers, 8 disks.
$100.00 *Radical Eye Software*

Laser Up! Plot
Converts Aegis Draw and Draw Plus drawings to PostScript. $49.95 *Laser Up! Software*

Laser Up! Print 1.2
PostScript image printing system with many features. WYSIWYG scaling and translation landscape or portrait. Unlimited x and y printed image scaling. Wide variety of borders and halftone screen types selectable from menu. Four color process separations with targets-positives or negatives. You can save images as PostScript text files (which can be used with any operating system) or send them directly to any PostScript printer or typesetting machine. It's completely menu-driven with many features. $89.95 *Laser Up! Software*

NEC CP7 Interface
Preferences driver for the NEC CP7.
$50.00 *Lightning Publishing*

NEC P6 Driver
AmigaTeX drivers and fonts for the NEC P6/P7 series of printers and the Epson LQ series of 24-pin printers, 6 disks. $100.00
Radical Eye Software

NLQ 342C Interface
Preferences driver for the NLQ 324C
$50.00 *Lightning Publishing*

ef'fi-ca-cy, *n.*
power to produce effects or intended results.

Not everyone needs the ability to typeset complex mathematical equations or complicated tables. Many can do without the accents and special characters required for foreign languages. People even exist who don't want a powerful macro facility in their document production system. Ligatures and kerns are overkill for some documents. But your documents are more than simple letters to Mom.

Some folks shun included IFF/ILBM images or ARexx compatibility. A few are willing to hyphenate by hand, or accept poorly spaced lines. And some folks will accept the jaggies—output at less than the full resolution of their printer.

But the quality of your documents is important to you, and your typesetting needs are more than the average fellow's. You need

AmigaTEX

If you are serious about putting words on paper, write for your free demo disk. Move up to the power of AmigaTEX.

Radical Eye Software

Box 2081 • Stanford, CA 94309 • BIX: radical.eye

Circle 152 on Reader Service card.

Pagesetter LaserScript
Allows printing PageSetter documents on PostScript laser printers or typesetters. Lets you scale, rotate, and translate upon output. Can also overlap multiple pages on a single output page. $44.95 *Gold Disk Inc.*

Palette Printer
A color match and selection system for the Amiga artist and designer. Contains IFF files to print out the color range of any in-house printer. By comparing Palette Printer color charts to any color charts already used, users can select color settings in any Amiga paint or desktop/electronic publishing programs to create a matching color, or simply use the P.P. charts as reference to pre-select your color settings for precise results. Dot-per-inch as low as 83X84 will yield an impressive array of saturated colors from over 850 color samples. Higher dpi capabilities will create more usable colors. $29.95
Ontological Survey

PixelScript V1.1
PixelScript brings the power of PostScript to your Preferences printer, at any resolution your printer supports. PixelScript comes with equivalents to the two leading font families (Times and Helvetica). PixelScript supports Encapsulated PostScript clip art, for truly professional desktop publishing. Additional fonts, clip art, and utilities available soon.
$149.00 *Pixelations, Inc.*

PrintMaster Plus
Graphic printing program. Includes clip art, fonts, more. $39.95
Unison World

Desktop Publishing

Canadian Software Developers

Introducing:
PSFont...

...the Adobe Postscript* font downloader for the Commodore Amiga*. PSFont allows you to tap into the many font styles currently available to the MS-DOS community.

PSFont allows the Commodore Amiga Desktop Publisher to download Adobe Postscript fonts to an Adobe licensed Postscript printer using the MS-DOS file format. PSFont is designed with flexibility in mind, able to download multiple fonts, through both serial and parallel interfaces, it is only limited by the amount of exisiting memory on the printer. Ease-of-use is emphasized by full cli, workbench, and TASS* support.

Finally this obstacle in the Amiga DTP market has been hurdled.

Dealer Inquiries Welcome!

Suggested Retail:
$129.95 (Can)

Requirement: A method of transferring MS-DOS* files to AmigaDOS*.

Contact:
Progressive Distributing
4 Caithness Avenue
Toronto, Ontario M4J 3X7
Tel: (416) 466-6450
Fax: (416) 466-7542

*All brand and product names are trademarks of their respective holders.

Bonus:WStrip! a $39.95 (Can) value

Circle 119 on Reader Service card.

Professional Page Templates and Design Guide
This package contains over 50 professionally-designed, pre-configured templates for Professional Page, as well as a 48-page design manual full of useful design and layout tips. Type specifications:typeface, size, style, justification, text run-around, and more is all pre-set. Just flow in copy and print. This is extremely useful for those beginning desktop publishing, or others with limited time to devote to design details.
$59.95 *Gold Disk Inc.*

PSFont
PSFont, the Adobe Postscript™ font downloader for the Amiga™ allows the user to tap into the many font styles currently available to the MS-DOS community. PSFont allows the Amiga™ Desktop Publisher to download the Adobe licensed PostScript™ printer using the MS-DOS file format. PSFont can download multiple fonts, through both series and parallel interfaces, limited only by the amount of existing memory on the printer. Full CLI and workbench support.
$129.95 (Canadian)
Canadian Software Developers
(please see display ad this page)

Pure Color
Pure Color is a collection of printer palettes designed for graphic artists or anyone with a need for color hard copies. Each IFF screen holds 32 different colors or shades colors that can be printed to give the Amiga artist a convenient color chart for quick reference. Each color is clearly labelled with the numeric setting for RGB. There are over 500 different color settings as well as numerous dot pattern settings and a Quasi-HalfBrite chart. PURE COLOR is a collection of IFF compatible screens that are used as a color reference guide, and works well with any type of printer. Designed by graphic artists using Deluxe Paint II. $24.95 *Graphic Design Studio*

Quadron QuadJet Interface
Preference driver for the Quadram QuadJet.
$30.00 *Lightning Publishing*

Shinko Printer Drivers
Drivers for the Mitsubishi-Shinko line of Hi-Res, High speed, color thermal hard copiers.
$130.00 *ACDA Corporation*

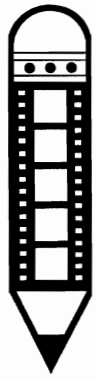
Super DJ DeskJet Printer Driver
Super DJ is a greatly improved Amiga printer driver for the Hewlett-Packard DeskJet. It has many advanced features. It provides letter quality, a distinctive condensed (6 point, 10 pitch), and enlarged (12 point, 5 pitch),the ability to chance fonts at will, and the elimination of muddy graphics. It also has a speed up of 100% or more in graphic dumps,and can multiply graphic dumps on the same page. The Super DJ printer driver requires AmigaDOS 1.3.
$25.00 *Creative Focus*

The Big Picture
Prints HAM and IFF picture files out at up to 104 x 104 feet. $29.95 *Lightning Publishing*

Window Print II
Consists of three separate programs: Window Print, Snatch, and IFFIcon. In Window Print, load, print or save icons, BASIC output and paint programs. POSTER lets you clip and print a poster size print of any IFF picture or window. Install Snatch at startup and have a convenient HOT KEY to snatch the screen to an IFF file, captures stills from most animation. IFFIcon converts clipped pictures into ICONS for any Workbench object. Use two images, and icon changes when selected. $34.95
T & L Products

•TUTORIAL•

DeluxeHelp for PageSetter
On-line interactive tutorial runs with PageSetter.
Price unavailable. *RGB Video Creations*



DESKTOP VIDEO
(see also GRAPHIC ARTS)

Animation: Titler
Professional real-time titler and character generator, including hi-res, overscan, true scrolling direction and looped playback.
$79.95 *Hash Enterprises*

Broadcast Titler
Broadcast-quality character generator for the Amiga. High quality anti-aliased fonts eliminate character jaggies. Accepts 8 to 200 scanline mono/color Amiga Fonts. Up to 320 colors per high-res page. Create colorful backgrounds and patterns. Over 100 transitions and effects. Full 736 x 480 overscan display. Preview channel mode prevents unwanted pages from being accidentally displayed thru genlock.
$299.95 *InnoVision Technology*

Deluxe Productions
16-color high-resolution graphics animation for video professionals. Over 40 wipes. Includes 3 free art disks with fonts. $199.95
Electronic Arts

DeluxeVideo 1.2
Create desktop videos with art and music, titles, special effects, rolling credits. Includes bonus post-production kit. $129.95 *Electronic Arts*

DeluxeVideo III
The release of DeluxeVideo III sets a new standard for Amiga presentation graphics, offering professional video power with a simple, intuitive interface. DeluxeVideo III provides complete control over Amiga's graphics, animations and sounds, and it's visually oriented interface makes it easy to use that power. Unlike most other presentation products, DeluxeVideo III adds full integration of sound effects, music and MIDI to make complete audio-visual presentations. It can be used to create interactive demos, animated cartoons, or other types of video presentations using the full range of Amiga graphics, animation and sound. These videos can be recorded on videotape or played back through the Amiga. In addition, DeluxeVideo supports object-oriented interactivity for HyperCard™ like flexibility. DeluxeVideo III supports all Amiga resolution modes (including HAM, hi-res and interlace), super bitmaps, high speed animation, MIDI output and IFF standard sound and music files, and is the only program that has full DeluxePaint III capability. Current DeluxeVideo owners will be offered a low cost upgrade to the new version of the program.
$149.95 *Electronic Arts*

GENamations
Animated genlock frames for home video production & professional studio use. $49.00
Eyeful Tower Communications

Invision
Video integration tool works with the Live! digitizer and any video source to process video effects in real-time. Uses the keyboard and mouse to control effects such as colorization, strobes, and mirroring. Can display images created with other software along with the LIVE! video. $129.00 *Elan Design, Inc.*

INVISION Plus
INVISION Plus brings a new dimension to our real time video effects system. INVISION Plus works with the LIVE! Frame Grabber from A-Squared Distributions and a VCR or video camera to make professional video effects possible at the press of a key. New features include ANIM format compatibility, automatic rate effects control, graphics still store and display, and many new effects. $299.00 *Elan Design, Inc.*

JMH Easy Titler 2.0
With version 2.0, (free to all registered owners) you now have many additional features in the easiest to use character generator for the Amiga. Version 2.0 accepts additional fonts, uses overscan with all resolutions of IFF screens for backgrounds and has 40 transitions to take you from screen to screen. This titling package/ character generator that will auto boot and is ideal for un-attended use, will also allow single stepping through your slideshow to make it the ideal tool for your live presentations. The script for the JMH Easy Titler permits up to 75 screens.
$49.95 *JMH Software of Minnesota, Inc.*

Media Base
Presentation software gives interactive access to audio visual presentations from video tape, compact or laser disk and computer disk. Requires the MediaPhile Infrared Controller.
$149.00 *Interactive MicroSystems, Inc.*

Photon Video-VideoType
VideoType turns the Amiga into a professional-quality character generator with performance and features you would normally expect to find in much more expensive dedicated character and effects generators. Those features, together with a user interface designed for both maximum efficiency and ease of use, combine to make VideoType the professional character generator of choice for the Amiga. $299.95
Microillusions

In winning presentations, we play the title role

Create winning titles with ***TV·Text-Professional***™. *It's the ideal program for producing eye catching lettering and graphics for video titling and desktop presentations on the Amiga®.*

With ***TV·TextProfessional*** *you can create:*

Exciting Stylistic Effects Automatically

- *Outlines, shadows, metallics, strobes, edges, extrusions (3D) and more.*
- *Color animated glows, glints, sheens, and cycles.*
- *Apply to text, shapes, and IFF images.*
- *Two degrees of overscan in all resolutions.*
- *Dozens of preset rendering styles included.*
- *Create your own styles with built in editor.*
- *Compatible with* ***TV·Show***™ *special effects slide show program.*

Backgrounds In The Blink Of An Eye

- *Eight different color gradient background patterns.*
- *Wallpaper, Tile, & Grid.*
- *Imported IFF images.*

You'll be surprised how quick and easy it is to turn those tired titles into attention getting graphics with ***TV·TextProfessional.*** *It's at your Amiga dealer now!*

Amiga is a registered trademark of Commodore Business Machines Inc. TV·Text, TV·Show, and Zuma Fonts are trademarks of Zuma Group, Inc.

ZumaGroup

Zuma Group, Inc.
6733 N. Black Canyon Hwy.
Phoenix, AZ 85015
TEL: 602.246.4238
FAX: 602.246.6708

Circle 117 on Reader Service card.

Pro Video CGI
672 x 440 resolution character generator software. 8 colors/page, 100 pp. in memory, 17 real-time transitions. $199.95 *PVS Publishing/Shereff Systems*

Pro Video Gold
NTSC Version Runs only in the Amiga high resolution graphic mode with expanded screen size of 720 horizontal pixels by 480 scan lines. Easily creates 100 pages of video titles with its fast screen editor. Up to 2600 pages internally with additional RAM memory. Four styles of high-quality video fonts, each in four sizes. Additional font libraries are available in sets of 4 styles. Each font meticulously bit-mapped for maximum resolution. Text and graphic backgrounds are easily added to your titles. Import high resolution IFF paint or digitized pictures. Pro Video Gold requires and Amiga with Kickstart 1.2 or greater with at least 1/2 meg of chip memory and 1/2 meg of fast RAM. Demo disk available. $299.95 *JDK Images/Shereff Systems*

Pro Video Plus
PAL Version Character generated software for Commodore. High resolution Video with expanded screen size of 672 horizontal pixels by 500 scan lines. Creates 100-2600 internal pages, 16 Internal fonts (English or German/Swedish), font libraries, font effects, screen backgrounds, transition effects. Requires an Amiga with Kickstart 1.2 and 1 meg of memory with at least 410K of chip & 400K of fast RAM after boot. Each IFF picture requires up to an additional 150K of fast RAM. Each additional 100 pages of titles requires 120K. Second 3.5 disk drive recommended, compatible with hard drive. Recommended for professional use. Demo disk available. $349.95 *JDK Images/Shereff Systems*

Station Manager Character Generator
Supports unlimited number of commercial and public domain fonts and creates scrawl files that can replace the clips inside DeluxeProductions™. Fully mouse driven, this character generator gives you features not found in even the most expensive systems. $295.00 *ACS Software*

TV*SHOW
New, version 2.0! The famous special effects slide show generator is better than ever. Now it's your Graphics, Animation and Sound, slide show generator. Performs wipes, reveals, pushes, more. Add speech. Many features. Now supports ANIM's and digitized sound. $99.95 *Zuma Group*

TV*Text
Character generator lets you define how text will look, then draws the text for you. Various font sizes and shapes, drop, cast, or transparent shadows, strobe-end 3D effects. Fully compatible with all Amiga IFF products. Requires Workbench 1.2 or above, 512K RAM, 1 disk Drive. Recommended: 1 MB RAM, 2 disk drives or hard disk, preferences supported printer. Includes 18 fonts. $79.95 *Zuma Group*

TV*Text Professional
TV*Text Professional is the ideal program for producing eye catching lettering and graphics for video titling and desktop presentations. TV*Text Professional's package contains a program disk, three font disks containing Zuma Fonts Volume 1,2, and 3, and a 220 page spiral bound User's Guide. With a click of your mouse, TV*Text Professional renders text, shapes, and objects in any number of colorful and dazzling styles. Full IFF image compatibility means you can use TV* Text Professional

with variety of graphics and animation programs, including TV*SHOW™ special effects slide show program. Users of the original TV*Text can upgrade to TV*Text Professional and should contact Zuma Group for further information.
$169.95 *Zuma Group*
(Please see display ad this page)

VideoTitler 1.5 with Lights! Camera! Action!
Professional titling and special effects. Now includes Lights! Camera! Action! Version 1.5 utilizes a wider range of fonts (including Polyfonts) and special effects such as: fade, dissolve, and zig-zag for highly professional titling effects, generally only available with top-of-the-line professional equipment. You can create animations in all screen resolutions, including overscan. Also utilize color cycling, detailed time control and manual or automatic frame advance. Lights! Camera! Action! turns your titling frames and animations into professional slide shows.$159.95
OXXI/Aegis Development

•FONTS•

(see also GRAPHIC ARTS/Paint/Fonts and DESKTOP PUBLISHING/Fonts)

CGI Font Library Set 1&2
Alternate font libraries compatible only with PRO VIDEO CGI. Each set contains 4 styles in 3 sizes. Bonus disk included.
$99.95 each *PVS Publishing/Shereff Systems*

Masterpiece Professional Font Collection
The largest collection of fonts and clip-art available for the Amiga today. 110 different fonts are included in this 20 disk set. Also included are 141 hi-res pages of border clip-art. 4 disks of ColorFonts and 2 disks of Brushes round out the set. A must for the video professional. $199.00
ARock Computer Software

Pro Video Plus Alternate Font Sets
Each set contains 4 styles in 4 different sizes. Available in English, German and Swedish characters! German and Swedish character available only in the PAL version
$129.95 each *JDK Images/Shereff Systems*

Video & Headline Fonts 3.1
A 3-disk set of the very largest fonts from our Professional Font Library. We've added utilities, an icon interface and a 40-page manual. 80 styles! including outline, shadow and decorative versions, over 30 distinct, artist-designed bitmap fonts. Monochrome and 2-color fonts. Especially suitable for video titling, headlines and paint-style graphics. Requires 1 meg RAM. $49.95 *CLASSIC CONCEPTS Futureware™*

VIDEO Fonts
Hi-res, bit-mapped fonts not compatible with PRO VIDEO CGI. 11 styles in 30, 44, and 72 point. $49.95
PVS Publishing/Shereff Systems

Zuma Fonts Vol. 1
Typefonts for use with any IFF-compatible program which accesses Amiga fonts. Six sizes, from 12 to 100 points. Volume 1 contains Swiss, Pica, and Barn Fonts. Requires 512K RAM
$34.95 *Zuma Group*

Graphics, Animations, Sounds? Good Show!

*With **TV·Show**™ you can showcase your graphics and animations with just a few clicks of your mouse. Using **TV·Show's** mouse and menu driven Script Editor, choose from a wide variety of exciting image transition effects. Grab your audience by the ears with sound effects and computer generated speech. Experiment all you want. You can play any portion of your script anytime during your editing session.*

All Image Formats
- *IFF screen formats include HAM, Extra Halfbrite, & Overscan*
- *Use any combination of image formats in the same script*

Over 40 Variable Speed Transition Effects
- *Fades, pushes, reveals, checkerboards, blinds, splits, zig-zags*
- *Use with screens, brushes, & animations*
- *Manual forward/reverse, self-timed, looping, & hot key playback*

Animation & Sound
- *ANIM format from DeluxePaint® III & other programs*
- *Fly any brush on or off over screen backgrounds*
- *Color cycling*
- *IFF sampled sounds & speech with control of playback rate & volume*
- *Synchronize sound with screen event or animation frame*

***TV·Show** is the complete special effects slide show for you and your Amiga®. Version 2 is at your Amiga dealer now.*

TV·Show is a trademark of Zuma Group, Inc. Amiga is a registered trademark of Commodore Business Machines, Inc. DeluxePaint is a registered trademark of Electronic Arts.

ZumaGroup

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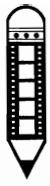
Phoenix, AZ 85015
TEL: 602.246.4238
FAX: 602.246.6708

Circle 118 on Reader Service card.



Desktop Video

Zuma Fonts Vol. 2
Typefonts for use with any IFF-compatible program which accesses Amiga fonts. Six sizes, from 12 to 100 points. Volume 2 contains Euro, Chelt, and Stencil Fonts. Requires 512K RAM.
$34.95 *Zuma Group*

Zuma Fonts Vol. 3
Typefonts for use with any IFF-compatible program which accesses Amiga fonts. Six sizes, from 12 to 100 points. Volume 3 contains Coop, Script, and Fast Fonts. Requires 512K RAM.
$34.95 *Zuma Group*

Zuma Fonts Vol. 4
Typefonts for use with any IFF-compatible program which accesses Amiga fonts. Six sizes, from 12 to 100 points. Volume 4 contains Deco, Devine, and Draft Fonts. Requires 512K RAM.
$34.95 *Zuma Group*

Zuma Fonts Vol. 5
Typefonts for use with any program which accesses Amiga fonts. Six sizes from 12 to over 100 points. Volume 5 contains Metro, Art, and Gospel Fonts. $34.95 *Zuma Group*

•SOUND•

Animation
Sound effects disk with 45 real and synthesized IFF sounds. Door knocks, footsteps, machinery, more. $19.95 *WaveTable Technologies*

ZOUNDS!
Sounds Digitized sounds for use with Fantavision. DeluxeVideo, and The Director. Clip Art for your ears. $19.95 *AlohaFonts*

•TUTORIAL•

Digitizing Slideshow
by New Image Productions, Inc.
This is a new software HOW-TO program directed at the beginner, and intermediate student of the Amiga Computer. The program illustrates the various techniques employed in digitizing, manipulating, and animating objects, etc. $29.95 each volume (1, 2, or 3); $79.95 entire series *MCP Associates*

•UTILITIES•

Amiga Link
Software interface which joins the Amiga and V-LAN by Video Media for video editing.
Price unavailable. *RGB Video Creations*

Business Presentation Graphics Library
Business Presentation Graphics Library is a 10-disk set of Amiga graphics and animations specially designed for video, but perfectly suited for business graphics and slide productions as well. Included are graphics and animations specially suited to the business world, such as Money, Graph Art, backgrounds for the Stock Market, Finance, and more. All art is hi-res or interlaced, and overscanned where applicable. Available March 1990.
Price unavailable. *Digital Designs*

Desktop Video Graphics Library
A 10-disk set of Amiga graphics specially designed and produced for video applications. Colors are optimized to avoid chroma crawl, flicker, and Color zero is never used unless it is designed into the image for use with genlocks. The set includes professional-style backgrounds for titling, digitized images, art brushes and drawings. It has the load-and-use animations and anim brushes compatible with Deluxe Paint III or The Director that let you add your own titling and have instant animated screens for desktop video. Included are wipe screens made for use with a genlock. These screens give interesting wipes like puzzle, crack-up, etc., when genlocked over live or taped video. All are in Interlace or Hi-Res, and are overscanned where applicable. Topics include Parties, Kids, Sports, Holidays, Vacations, Birthdays, Weddings, Christmas and much more. Price unavailable. *Digital Designs*

Focus Video™
Provides a complete range of high-end image processing. Features include color control, filters, convolutions, histograms, arithmetic and logical operations between two images, zoom, contrast enhancement, measurement, time-lapse with time stamp, and more. Output in PostScript (either gray level or color separated), IFF, and Sun Rastor file. $159.00
A-Squared Distributions Inc.

Frame Grabber 2.0
Professional enhancement software for the Frame Grabber. Includes printing facility. Supports 24-bit file format, Mirror and multiple-exposure modes, 50+ oversampling, zooming and image reduction, image delta system and much more. $99.95
Progressive Peripherals & Software

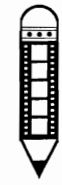
Interactor
Interactive Graphics Presentation System with hyper FX is an animation design system which combines the power of hypermedia with the excitement of desktop video to let you create interactive visual databases for free-association browsing, information retrieval and education. Interacter turns your Amiga into a hypertextual desktop presentation environment which integrates graphics, sounds, and a text into an interactive, randomly-accessible hierarchy of information of your own design. Futhermore, Interactor is fast and easy to use with an innovative, intuitive interface built for productivity. Interactor supports hypertext, IFF sounds, IFF pictures and brushes in lo-,med- or hi-res, in under- or over-scan, and runs off any stor $79.00 *Very Vivid, Inc*

Media Processor
Allows computer control of A-V equipment. Edits video tape, records database, plays back automatically from one or two decks. Overlay computer graphics on video, dub audio, record single frame animation images automatically, record a database of up to 24 hours of digital stereo sound or 4 hours of video on one 8mm cassette. Freeze frame, visible high speed search, flying erase heads, much more.
$149.00 *Interactive MicroSystems, Inc.*

Photon Video Transport Controller
The link between graphics, animation, and video tapes. Controls external video tape frame by frame controllers like the Lyon-Lamb and Video Media's V-LAN systems. Designed for use with Photon Video's Cell Animator, the Transport controller will also work with other third party software. Records 1-300,000 frames each time an image is displayed, resulting in a smooth animation sequence. Set the TC to edit short real-time Amiga animations into longer sequence; set in/out points via keyboard or mouse; create time-lapse using the Time Lapse utility. Requires external video controller interface.
$299.95 *Microillusions*

Photon Video: Edit Decision List Processor
Edit decision lists can save lots of time and money. Create your list off-line, then transfer them to an on-line editing system via the serial port, or an MS-DOS compatible floppy disk. Features 999 events per file capacity, three tracks (one video, two audio), lists are recalculated instantly every time a change is made. Works with 30 frame NTSC, 25 frame EBU(PAL) and 24 frame film modes. $499.95 *Microillusions*

PIC-MAGIC™
A ten disk set of over 250 images. Manual explains suggested use of images as well as the psychology behing many of them. Some images draw the eye to a particular spot on a page while others convey a certain mood. Images can be resized using DPaint III or a comparable program. PIC-MAGIC is an unlimited resource library for computer enthusiasts, desktop publishers and animators. IFF format, most over 1000 by 1000 pixels. The full set now includes a bonus two disks for a total of 12!) which include



the entire 250+ images sized down for easier video use. Also available in Encapsulated PostScript format for Desktop Publishing. $99.95 *Joe's First Company*

Professional Video Graphics Library
Professional Video Graphics Library is a 20-disk set of Amiga graphics and animations specially designed for business, industrial, educational, cable TV and other video studios. Colors have been optimized for video production. Topics include titling backgrounds compatible with popular titling software and paint programs, HAM images, digitized images, stock animations and anim brushes covering a vast array of subjects suitable for the video market.
Price unavailable. *Digital Designs*

Station Manager Graphics Library
Gives you TV quality graphics backgrounds and objects. $195.00 *ACS Software*

Station Manager Map Generator
High-speed cartography plots a high-resolution map of anywhere in the world in seconds. Graphical user interface makes map selection easier than most programs.$145.00
ACS Software

Station Manager Tape Editor
For the Amiga video professional. Lets you edit from simple cuts to A/B roll. Controls up to 32 devices in VHS, Super-VHS, Betacam, or 1-inch VTR (or any mixture of formats), within unique Video Network. All editing and control done with the Amiga's software interface. Provides for automated single-frame, time-lapse, script recordings and edit decision list processing also included. $995.00 *ACS Software*

Station Manager Teleprompter
Reliable teleprompter eliminates need for expensive paper most teleprompters use.
$295.00 *ACS Software*

Station Manager Time and Scheduling
After you've created, animated, and edited, Time and Scheduling helps you get on the air on time.
$295.00 *ACS Software*

T.V. Graphics 2.0
A two disk set of clip art to be used in desktop video applications. Graphics consist of background screens and borders for over dubbing video in all graphics created in Interlace overscan and are IFF compatible. $49.95
Slide City

Vermont Seasons (Summer)
First 3 disks in an eventual 12 disk set. Each disk contains 12 LO-HAM Vermont scenes in full overscan. Each of the four 3-disk sets focuses upon one of the four seasons in Vermont.
$39.00 *Eyeful Tower Communications*

Video Visions Vol. 1: The Titler V2.0 (2 Disks)
Images and parts custom made for Titler programs like Video Titler, and Pro Video+ with a focus on Title Backdrops. Features: Borders, Title Bars, New Vtitler Fontstyles, World Map, Genlockable:Frame blue, Monitor, Tubular and Graphic backdrops:Diamond Pattern. Video Fonts: 72, 60, & 42 lines, Brush Patterns to create Fill Screens, Scenery parts: Tree, Mountains, Cycled Stream, Foreground tree, Fontframe data for VTitler. Over 30 files, hi-res: 672 x 444 IFF format pages, 3rd disk available for $5.00 (736 x 480). $24.95 *CV Designs*
(please see display ad page 88)

Video Visions Vol. 1: The Titler V2.1
Now includes four disks; three with backdrops and one with ColorFonts to start you titling. Colorfonts I mini-volume added to help Titles and Backdrops be integrated for a full starter kit on Video Titling. Scenes are extended to broadcast titler overscan page size 736 x 480. Includes V.V. The Program - free of charge. $34.95
CV Designs ***(please see display ad page 88)***

Video Visions Vol. 2: The 3D Animator V2.0
(2 disks)Images and parts custom made for 3D and Page Flipping Animation programs with a focus toward Fantasy Animals subjects. Features objects for 3D. Specify your 3D Editor: 3D Knight, Unicorn, Giants' Hand, 3D Videocam, Dogsworld animation, 3D Globe spin, Clouds backdrop, Field Backdrop HAM, Tree Backdrop, More! Over 40 files, overscan HAM screens and 3D objects for your editor. VideoScape, Sculpt 3D, or Turbo Silver supported. $24.95 *CV Designs*
(please see display ad page 88)

Video Visions Vol. 3: The 2D Animator V1.0
(2 Disks) Images and parts custom made for 2D Pageflip programs with a focus on Characters-Creations subjects. Features: Many Motion Parts for Animations, Butterfly animation, Rosie Rabbit animation, Horse Race, Fence post looping background, Character poses: Boyrun, Duck snoop, Duck walk, Runners, Eagle Land, Eagle Fly, Golfer, Tigerjoyful, Woman leaping, HAM desert backdrop, Horse gallop, Horse Prance, More! Over 30 files hi-res & HAM. 672 x 444 IFF format page $24.95 *CV Designs*
(please see display ad page 88)

Video Visions Vol. 3: The 2D-Animator V1.1
Same as 2D-Animator 1.0, only pages are extended to Moviesetter, Deluxe Video, or Zoetrope 352 X 240 overs scan lo-res. More data is included than V1.0. A $10.00 upgrade from 1.0.
$24.95 *CV Designs*
(please see display ad page 88)

Video Visions Vol. 4: The Videographer V1.0
(2 Disks) Images and parts custom made for Wedding/Occasions subjects. IFF Compressed Overscan for video programs. Features: Borders, Flowers, Love, Bouquets, Bride, Frames, Scroll, Lace, More! Over 30 files hi-res overscan. 672 x 444 IFF format pages. $24.95 *CV Designs*
(please see display ad page 88)

Video Visions Vol. 4: The Videographer V1.1
Same as Videographer 1.0, only pages are extended to broadcast titler overscan pages size 736 X 480. More backdrops than 1.0. A $10.00 upgrade from 1.0. $24.95; 34.95, with V.V. The Program. *CV Designs*
(please see display ad page 88)

Video Visions Vol. 5: Broadcaster
(2 Disks) Images and parts custom made for Business/Broadcast subjects. IFF Compressed Overscan for video programs. Features: Chroma Slide overscan screens, Industry, Cityscape, Celtic animation, Baseball/Football Scoreboards, 20th Century Fox Logo, More! Over 40 files hi-res overscan. 672 x 444 IFF format pages $24.95
CV Designs
(please see display ad page 88)

Video Visions Vol. 6: The Educator
(2 Disks) Images and parts custom made for Educators with a focus on History/Geography subjects. Features Maps, Historical sites around world: Eiffel Tower, Spanish Matador, India caravan, All maps worldwide, over 60 files. Full 16 color hi-res. $24.95 *CV Designs*
(please see display ad page 88)

Video Visions Vol. 7: The Advertiser
(2 Disks) Images and parts custom made for Advertisers with a focus on Products/Symbols subjects. Features industry TV commercial pictorials. All products like 35mm cameras, Video camera, Disk Drive, Visa/MasterCard, Medical, Pepsi, Yellow Pages. More! Over 50 files of 16 color HI RES $24.95 *CV Designs*
(please see display ad page 88)

Video Visions Volume 8: The Videomaker
The Videomaker contains Anniversary Ceremonies type data. Stained Glass effects to Religious type data make this a perfect companion to Volume 4: The Videographer. Includes Wedding Ceremonial scenes and others. $24.95 *CV Designs*
(please see display ad page 88)

Video Visions-The Animator Set
Includes previous Video Visions clip art bundled in a 3 volume set (6 disks). Includes Volume 2 The 3D-Animator (Sculpt 3D version standard), Volume 3 The 2D-Animator and Volume 6-The Educator. Geared toward Animation users 2D or

Desktop Video

Circle 179 on Reader Service card.

3D. Education in scope with maps and numerous aids for animators. $59.95 *CV Designs*
(please see display ad this page)

Video Visions-The Mixed Set
Includes all previous video vision clip art bundled in either 3, 4 or 5 volume sets. Volumes of the future can be chosen to complete a package to suit any Videographer. Geared toward the mix & match individual. Conversions available for any set program requirement a user may request $59.95 (3 volumes) $79.95 (4 volumes) $99.95 (5 volumes) *CV Designs*
(please see display ad this page)

Video Visions-The Program
Can load and run pictures, objects and animations prior to dumping to video tape. It will be part of the package of any Video Visions data disk set or purchased separately. $34.95 alone; 10.00 with purchase of any Data Disk; FREE with purchase of any SET. *CV Designs*
(please see display ad this page)

Video Visions-The Studio Set
Video Visions-the Studio Set contains all of the Vision Data packaged in one assorted collection. Video Volumes 1-8, Mini Volumes 3-5 and a tape guide on VHS of the Titler Set Backdrops and Borders are included in this one unit. Liberal upgrade to future volumes is included in the purchase of this set. $199.95 *CV Designs*
(please see display ad this page)

Video Visions: Mini Volumes 1-5
Mini-Volumes 1-5 are essentially best of disks containing selected data from Video Visions' multi-disk volumes 1-4 . Each Mini-Volume is a single disk compilation without Workbench or icons. The show program on the main Video Visions disks or a similar public domain show program is required. Disk 1 features Backdrops from V.V's 1 and 4 and the Borders from V.V's 1 and 4 are contained on Disk 2. Disk 3 is Deluxe Paint III compatible animations entitled Animated Intros, while Disks 4 and 5 are Colorfonts I +II with 84 and 62 line Colorfonts in Serif, Modern, Sanserif, and Boldface.
$16.95 each *CV Designs*
(please see display ad this page)

Video Visions: The Titler Set
Includes previous Video Visions video clip art bundled in a four volume set (9-11 disks). Includes Volume 1 The Titler, Volume 5 The Broadcaster, and Volume 7 The Advertiser, Volume 4 The Videographer. Geared toward Titler users that use display video software. Optional are Video Visions the Program or the Broadcast Titler. Script Disk for those owners of Broadcast Titler. Each are included on request.
$79.95 *CV Designs*
(please see display ad this page)

VideoPAGE
Extremely simple to use interface, video titler. Use over 100 transitions to manipulate titling effects. Best smooth scrolling. Up to 6 fonts at one time. Hi Res, 16 color system. Includes extra font diskettes. $99.95. 1 font diskette; $149.95, 4 font diskettes *Impulse Inc.*

VidGen
VidGen gives you the ability to create professional background graphics composed of actual drawings or pictures in seconds.The graphics used can be digitized, drawn in a paint program, loaded from a disk of clip art, or be one of the many brushes included on the VidGen disk. VidGen is flexible and can make instant changes in spacing, contrast, color, depth, or a combination of these and other controls, and uses numerous resolution modes including Overscan. $149.95 *Microft Software, Ltd.*

VIDI-Mice
VIDI-Mice is a man-machine interface for the Amiga computer, for use in interactive hypermedia productions and performances. By emulating all mouse and keyboard functions, VIDI-Mice software allows you to control virtually any video, music, or paint programs from your video camera. (LIVE! frame grabber required.) $85.00 *Tensor Productions*

•GENERAL•

Eye Play
2 Player or computer builds computer art from three dozen graphic routines. 640 x 400 and 320 x 200 resolution $19.95 *Silver Software*

K-Graph3
From Kuma Software of England. Prepare graphics displays for presentations and use in documents. Line/scatter graphs, area graphs, pie charts, stacked, horizontal, 3 dimensional and normal bar. Automatic axis scaling, Grid on/off, Save Graph option, statistics, Math and logical expressions, graph formulas, automatic creation of legends and labels, marker positions. Display up to four graphs at a time. Prints to any Epson or Epson Compatible printer. Data interchangeable with K-Spread 3 and K-Word 2.
$99.95 *MichTron*

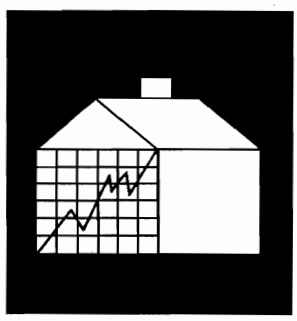
Laser Show Designer
Produces professional quality laser light shows. Works like a paint program to create, edit, animate, and display projected laser graphics and beamworks. Requires standard laser scanner projector (available from Pangolin.)
$595.00 *Pangolin Laser Software*

Mondo Stereo
Create dynamic stereo 3D images and gain full understanding of how stereo works. Paint stereoscopic depth into ANY Amiga image! Enter a totally interactive 3D workspace! Wear your 3D glasses WHILE YOU WORK, so that you get INSTANT stereo 3D feedback! Complete manual (with extensive illustrations) included. Uses either X-SPECS 3D (alternating liquid-crystal) or anaglyphic (red/blue) viewing systems. MONDO STEREO anaglyph glasses (with durable plastic frames) included! Also includes the NO-SPEX Free Viewing Aid. Makes free viewing side-by-side 3D pairs easy.(Free viewing is an advanced stereo technique.) Has settings for SCULPT/ANIMATE 3D, FORMS IN FLIGHT II, and TURBO SILVER. Under $100.00
A-Squared Distributions Inc.

RTV
Raster-to-vector conversion program. Takes standard IFF pictures—drawn, painted, or digitized—and instantly turns them into projected laser graphics. RTV can be used by itself or as input for the Laser Show Designer program. Requires a standard laser scanner projector. $495.00 *Pangolin Laser Software*

Scene Generator
Create realistic, natural looking scenery on your Amiga with Scene Generator. Easy to use menu interface gives you instant access to all of Scene Generator's powerful capabilities. Create everything from a desert to a snow covered mountain peak. Allows control of lightning, snow and water levels, optional clouds, and colors. A preview mode will display a scene in 5 seconds. Makes great backgrounds for painting or animation. $39.95 *Natural Graphics*

Symphony Music Video
Continuous display of video and sampled sound in IFF format. $24.95 *Speech Systems*



BUSINESS & HOME PRODUCTIVITY

•ACCOUNTING•

2+2 Home Management System
Personal accounting database. Allows information sharing between modules including: financial management, appointment calendar, mailing list and telephone directory.
$99.00 *Arborsoft Inc.*

Accounts Payable
Helps manage and track cash liabilities. Posts payments to general ledger or check ledger.
$99.00 *Computerware*

Accounts Receivable
Indicates overdue accounts, records key customer information, tracks invoices, and prints statements automatically. $99.00
Computerware

B.E.S.T. Business Budgeting
This program is designed to be used in conjunction with the B.E.S.T. Business Management General Ledger or the stand-alone B.E.S.T. General Ledger. The budget system automatically creates budget G/L files from existing General Ledger account files for planning future income and expense activity, by General Ledger account. Pro-forma (anticipated) Income Statements. Balance Sheets, sales reports, expense reports, etc. can be printed and/or compared with current General Ledger activity for plan vs. actual performance reporting.
$79.95 *B.E.S.T. Inc.*

B.E.S.T. Business Management
An easy-to-use, fully integrated business management and accounting system. Contains general ledger, accounts payable, inventory management and services management. All purchasing, receiving, order processing, invoicing and payment entry is provided through an easy-to-use Business Function process. Many standard reports are included in inventory management, services management, accounts receivable and accounts payable. Custom reporting is available in the general ledger, inventory management and accounts payable. Customer statements, purchase orders, invoices and checks are prepared quickly and easily on professional-quality business forms.
$295.00 *B.E.S.T. Inc.*

B.E.S.T. General Ledger
This stand-alone general ledger contains all the features of the integrated B.E.S.T. Business Management General Ledger including a three-year history, transaction entry and editing, audit trail reports, journal listings, custom financial reporting and easy end-of-month closing. Completely compatible with the fully integrated B.E.S.T. Business Management for future upgrade purposes. $79.95 *B.E.S.T. Inc.*

Bottom Liner
Accounting program for home and small businesses. Checkwriting, spreadsheets, 700 user-defined accounts in budget, income, expenses, assets, liability, and equity.
$269.00 *Clockwork Computers*

Budgeteer
A practical, low-cost budget preparation designed for home and business use. Features an easy to learn interface that uses the Amiga mouse, menu and windowing environment to record actual and budgeted monthly expenses and credits. Data can be presented in tables, pie charts, or one of 36 bar charts, all of which can be output to any of the printers supported in Preferences. Requires 512K RAM. Not copy-protected. $39.95 *Prakticon, Inc.*

Check Ledger
Single-entry bookkeeping system for small business or personal use. $99.00
Computerware

Desktop Budget
A personal finance management program for every budgeting concern handled in an icon-based manner. Assists in setting up monthly payments, automatically performs month-end reconciliations and year-end rollovers. Program contains useful full-function calculator and personal icon editor $69.95
Gold Disk, Inc.

Easy Ledgers
Single-entry accounting system. Fully integrates billing, receivables, payables, inventory and general ledger. Open invoice and balance forward accounts. Two levels of password security. No special account numbers needed, no codes to remember. Detailed reports printed.
$295.00 *Brown-Wagh Publishing Inc.*

Easy Loans™
Incorporates all the Amiga's Interface features to help users manage their loan and credit records. Keeps track of loan with remaining interest, principal, and time. Also helps uncover and avoid paying hidden or incorrect charges. Features flexible customization of amortization,

Business & Home Productivity

viewing and printing of summary schedules, on/off speech and user-definable color palette setting, detailed printouts, and more.
$79.95 *OXXI, Inc.*

General Ledger
Comprehensive double-entry system. Includes audit trails, closing procedures, and full reporting. $99.00 *Computerware*

Integrated Merchandiser
Point-of-sale and full accounting program with payroll. Automatic posting of sales to ledger. Operates a cash drawer. Up to 98,000 transactions per year. $499.00
Clockwork Computers

KEEP-Trak General Ledger
Record-keeping system for home or business use. Many features. $49.99
The Other Guys

Momentum Check
A personal checkbook management program, can print checks with custom setup option, provides full-screen editing on forms, and supports any Amiga hardware configuration. Set budgets, report functions by check number, date and different classification codes. Momentum Check automatically prompts you for outstanding items, making reconciliation a snap.
$29.95 *Micro Momentum, Inc.*

Nimbus 1.4
Multitasking capabilities give constant access to the General Ledger, accounts payable, and accounts receivable. The general ledger is automatically updated when data is entered into either accounts payable or receivable. Customers and vendors are tracked by name. Find information on any account by entering the first few letters of the name. New features include: Installation on a hard disk, storage of data on separate disk, print invoices on pre-printed forms or plain paper, and more. Upgrades to previous version are $25.00 plus shipping.
$159.00 *Oxxi, Inc.*

Payroll
Accommodates all pay types and pay periods. Includes federal and state tax reporting, quarterly, tax statements, W-2's, paychecks and cost accounting. $99.00
Computerware

Point-of-Sale Inventory
Includes an integrated sales order entry and invoicing feature for customer sales, tax-reporting and profitability analysis. Post customer invoices to the accounts receivable module automatically. $295.00
Computerware

Tax Break
Easy to use with on-screen representation of forms and schedules, fast recalculation, and constant status of taxes due or refunds. On screen IRS booklet, pop-up calculator plus many more features. $79.95 *OXXI Inc.*

Tax Plan
Calculate your federal income taxes for the year and forecast for the year coming. Fast and affordable, covers all forms that most taxpayers use. Prints IRS acceptable forms, handles multiple returns, audits and identifies errors. User Guide and Tax Reference Manual included.
$34.95 *Quality Business Systems*

Tax-Break Canadian Edition
Canadian tax preparation and planning software for all provinces of Canada. Formerly known as Amiga-Tax. United States 1040 version also available. See OXXI, Inc.
$69.95 Canadian; updates $29.95
Datamax Research Corp.

The Accountant
Full-range simplified accounting system featuring sales, expenses, receivables, payables, inventory, cost, payroll and general point of sale invoicing as well as sales and purchases journals. Help windows, 10 check registers and more.
$299.50 *KFS Software, Inc.*

The Billing and Disbursements System
Accounting for small businesses. Contact SaxMan Systems for price and description.
SaxMan Systems ***(please see display ad opposite page)***

The Booking Agent
Integrated Schedule/Accounting package maintains schedule for 240 acts. Agents can search by date for open bookings and print reports including : schedules, income, unsigned contracts, unpaid deposits, and confirmation cards. The Booking Agent can search all acts and all fields for common string, and master posting program will print contracts at the time of posting, as well as generate daily posting sheet. Also, package allows for other computers in agency to be networked together.
$500.00 to $1,000.00
Bigfoot Computer Services dba Bigfoot Software

The SaxMan Accounting System
A complete accounting system for single or multi-divisional companies. Contact SaxMan Systems for price and description.
SaxMan Systems ***(please see display ad opposite page)***

The Tax Strategist
Federal and California State income tax program includes Federal form 10-14, Schedules A, B, C, D, E, and SE; Forms 2441 and 2106; and California State form 540 and schedule CA.
$69.00 *Digital Dynamics*

•DATABASES•

Aquisition
Fully programmable, fully relational database, utilizes the Amiga's power and innovation. IFF sound and sound support, report generation, calculated fields. Specifications limited only by memory and storage. $299.95
Haitex Resources

Database 4
Easy-to-use database program. Features include mail merge and print mailing labels. Also holds IFF graphics. $69.95 *MicroSearch Inc.*

DATAFAX
Free-form relational database. Information is arranged in pages within folders. Define keys, cross-referencing. Ideal for organizing notes, bibliographies, speeches, articles and catalogues. $99.95
Pecan Software Systems, Inc.

DataRetrieve
Now think DataRetrieve Amiga. It works the same way as your Amiga—graphic and intuitive, with no obscure commands. You quickly set up your data files using convenient on-screen templates called masks. Select commands from the pull-down menus or time-saving shortcut keys. Customize the masks with different text fonts, styles, colors, sizes and graphics. If you have any questions, Help screens are available at the touch of a button. 1-55755-028-X
$79.95 *Abacus Software*

dBC III 2.
An alternative to programming in the dBASE interpretive language. Create, access, and update dBASE III-compatible files without using dBASE. Open and process up to 10 data, Index, or Memo files. $150.00 *Lattice, Inc.*

Designer Databases-Business I
Ready-to-use database, simply load using Microfiche Filer or Microfiche Filer Plus and begin entering your data. Professionally designed, commercial quality databases come with complete data definitions and forms for editing and printing. Record inventory, billing, important dates, expenses, employee records, and mail merge. $59.00
Software Visions, Inc.

Designer Databases-Home I
Ready-to-use database. Simply load using Microfiche Filer or Microfiche Filer Plus and

begin entering your data. Professionally designed, commercial-quality databases come with complete data definitions and forms for editing and printing. Record videotapes, CD's, records, stamps, coins, wines, Fish Disks (1000 public domain programs catalogued).
$39.00 *Software Visions, Inc.*

Mail-O-Dex
A rolodex, mail merge manager, phone dialer and label printer which directly supports most word processors. $49.95. Version 2.2, which is currently shipping, has enhanced mail merge functions *KarmaSoft*

Microbase
Ready-to-use as soon as loaded. For home, business, and school. $24.95
Anco Software USA Inc.

Microfiche Filer
Graphic and text database with side-by-side viewing for video storyboarding.
$99.00 *Software Visions, Inc.*

Microfiche Filer Plus
File manager includes full programmer interface using ARexx. 33 powerful new commands allow database access from any ARexx macro. Automatic field calculations, HAM picture storage, database programming, direct control over other applications, dynamic data import and export with ARexx-compatible applications.
$179.00 *Software Visions, Inc.*

MultiBase
Uses record locking to allow simultaneous access to data files from several terminals. Includes Multi-User System Software. $249.00
Conceptual Computing

Omega File Data Base-Mail Merge
Mail merge database for check registers, invoicing, inventory, etc. $79.99 *The Other Guys*

Organize!
This flat-file manager is dBase-compatible and has 44 built-in mathematical functions that help build sophisticated custom reports. Database size is limited to disk space and memory.
$79.95 *Micro-Systems Software*

Professional DataRetrieve
Professional DataRetrieve, for all Amigas, is a friendly easy-to-operate professional level data management package with the features most wanted in a relational data base system. It has complete relational data management capabilities. Define relationships between different files (one to one, one to many, and many to many). Change relations without file reorganization. Professional DataRetrieve includes an extensive programming language which includes more than 200 BASIC-like commands and functions and integrated program editor. Design custom user interface with pull-down menus, icon selection, window activation and more. 1-55755-048-4
$295.00 *Abacus Software*

SAXMAN SYSTEMS

INTRODUCING

Here it is! Proof that the ***AMIGA*** (tm) Computer is more than just great for graphics and sound. We all know about its ability to produce the **BEST** Desk Top Publishing, the **BEST** Desk Top Video, and the **BEST** Desk Top Music. **But did you know it could also do the BEST JOB POSSIBLE** with your accounting?

We, at SaxMan Systems have taken the **BEST**data-base available for the ***AMIGA*** (tm), ***SUPERBASE PROFESSIONAL***(tm), from Precision, Inc., and created two powerful, and easy to use accounting systems.

System # 1 - Billing and Disbursements (tm)
This system is designed for use by small businesses. It processes cash and credit sales, prints invoices and statements, and ages your accounts receivable. It also will track your cash disbursements, and print a check register. Finally, it tracks and reports on the general ledger accounts necessary to fill out tax returns. List price is $ 249.95

System # 2 - SaxMan Accounting System (tm)
This is a complete accounting package. Including: General Ledger, Accounts Receivable, Accounts Payable, Payroll, Inventory Control, and Job Cost Analysis. Its features are much too extensive to list here. List Price is $ 499.95

For information contact:
SaxMan Systems, 400 Walnut St., #403,
Redwood City, CA 94063,(415)368-6499

Circle 111 on Reader Service card.

Record Manager Information Base
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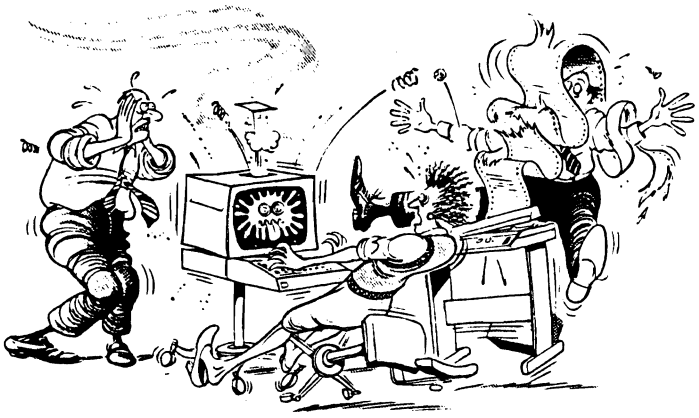

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•TUTORIAL•

AmigaDOS V1.3
Native Developer Update (November, 1988).A four disk set for the native Amiga developer. The following files are contained on the disk; Include 1.3; Commented C and Assembler Include files; Include.strip 1.3; stripped Include files, 1.3 startups, Alink, Amiga.lib, debug.lib ddebug.lib, atom, LVO offset lists and more; Autodocs 1.3; 1.3 autodocs summarize library, resource, and device calls; Readme 1.3; Readme files and sample 1.3 printer driver sources.
$20.00 *Commodore Business Machines, Inc.*

The ToolCaddy
An extensive on-line tutorial on How To Program The Amiga In Assembly language. Features seven step-by-step lessons, 18 source files, 21 executable utilities, suggested disk set-up, assembly-linking techniques, and much more.
$29.95 *The ToolCaddy Works*

The ToolCaddy Works Docs-Functions
On-line programming help for ALL of the system Function Calls. Features sample Assembly Source code for EACH function that may be used for cut and paste into your own source file.
$19.95 *The ToolCaddy Works*

The ToolCaddy Works Docs-Mnemonics
On-line programming help for ALL of the Motorola MC68XXX Instruction sets (Mnemonics). This includes the MC68000, MC68010, MC68020, and MC68881. Features a General Information Section covering the AmigaDOS Commands, Hardware Registers, and much more. $19.95 *The ToolCaddy Works*

The ToolCaddy Works Docs-Structures
On-line programming help for ALL of the system structures. Features sample Assembly Source code for EACH structure that may be used for cut and paste into your own source file. A separate disk contains the official Amiga INCLUDE V1.3 files, both the I and H files are provided.
$19.95 *The ToolCaddy Works*

•UTILITIES•

Advanced String Library
Tools and routines for the True BASIC language system. Features includes expression scanning, associative memories, text manipulation to fill and justify text, pattern matching, expression scanning character-set matching, text conversion for English and Roman numerals. Also includes 38,000 word English dictionary.
$69.95 *True BASIC, Inc.*

AmigaMOP Test Management Package Version 2
The AmigaMOP V2 is a data management and user interface for electronic test systems. Linkable and run-time libraries are included for writing the test programs and data handlers. Other features included in this version are safe memory support, dual multitasking/ multiplexing test programs, and a help feature.
$349.00 *Go Software*

AmigaView 2.0
AmigaView is an object oriented, C language, Intuition front-end interface that provides 100 easy-to-use routines and macros. Works with MANX or LATTICE. $79.95
ACDA Corporation

Aztec C68K/Am 3.6
Translates programs written in C into executable machine code. Features Manx Aztec source level debugger, UNIX utilities, math support libraries for 68881 and Manx IEEE emulation. more.
$199.00 *Manx Software Systems*

C Language Library
Add-on library product for Benchmark Modula-2. All standard C language library functions are implemented for use in Modula-2.
$99.95 *Avant-Garde Software*

C Toolkit
Collection of over 200 powerful C functions that compile and link with C programs. Perform tasks ranging from memory management to floating point manipulation. Includes 274-page manual containing a separate UNIX-style description and source code for every C toolkit function.
$39.95 *Software Ingenuity*

CBTREE
Simple but powerful program interface to all B+tree operations. Includes 70 p. manual, examples, and sample programs on disk.
$99.00 *Peacock Systems, Inc.*

Compiler Companion 1.0
Ten utilities designed to enhance the productivity of Amiga programmers. Extract file names from directories; build command files; generate cross referencing of C source files; locate files by attributes and more. Can be used with any programming language.
$100.00 *Lattice, Inc.*

ConMan
Replacement console handler that provides line editing and command history. Shareware, V.1.1. $10 suggested contribution.
William S. Hawes

Developer's Toolkit
Collection of machine-specific routines that facilitate access to ROM and other special Amiga features. Also includes access to Intuition.
$69.95 *True BASIC, Inc.*

F-Basic System Source Level DeBugger
The SLDB functions in a fully windowed Intuition interface, and allows the user to debug F-Basic programs at the SOURCE level. Some features include viewing and altering the 68000 registers, memory, and variables, arrays, and records by name. A full featured reverse assembler is also included. Contains powerful features like pointers, recursion, and pattern matching to satisfy advanced programmers, yet is easy for beginners to learn. $60.00
Delphi Noetic Systems, Inc.

IFF and Image Resource Library
Add-on library product for Benchmark Modula-2. Functions for reading and writing IFF files. Tool for attaching IFF images to an executable file. Images can be accessed at run time as resources from the Modula-2 program.
$99.95 *Avant-Garde Software*

InovaTools 2
InovaTools 2 is a series of frequently used Assembly language routines, written by Wesley Howe, designed to get novice assembler programmers up to maximize proficiency in the minimum amount of time. These include routines to open or close a console device, an ARexx port, a file, print character, line, or hex/ dec number, read from/write to file, load file into memory, and many more. Source code is included. By Wesley Howe. Available September 1989. $79.95 *Inovatronics, Inc.*

InovaTools1
InovaTools 1 was designed to increase programmers' interface construct options beyond those of Intuition. Included are function definitions (in linkable C or system library format) for the following: Drag Gadgets, Knob Gadgets (Analog-type circular knobs), Pop-Up menus, and over forty other useful routines. Written by Todor Fay. $79.95
Inovatronics, Inc.

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documentation on disk. 64-page reference manual. Also includes three utility programs. $34.95 *Data Research Processing, Inc*

Lattice Communications Library
The library supports AmigaDOS environments with a full set of functions for XMODEM, YMODEM, KERMIT, and ASCII protocols. Communications Library gives programmers the ability to select, open, and close a communications port; set baud rate, data bits, parity, stop bits, and buffer size; and send and receive characters from the communications port. Other functions dial and hang up the telephone; reset the modem; set automatic answering; send and receive files using ASCII, XMODEM, YMODEM, or KERMIT error-checking protocols; and display the progress of file transfers. $250.00 *Lattice, Inc.*

LDebug 2.1
A debugger supporting Benchmark Modula-2, C.A.P.E. 68k assembler, and the Lattice AmigaDOS C compiler. Trace by source line. or by MC68000 instruction. Set breakpoints in multiple source modules or by clicking on a line of source code. Disassemble a source line by double clicking on it. $49.50 *LogiComp Software*

Library Source
Includes the original Assembly and C source to all routines in the Aztec RunTime Libraries. $300.00 *Manx Software Systems*

Lint for the Amiga
Finds errors, bugs, and inconsistencies your compiler working on one module at a time, will miss. Supports K&R C language and ANSI C extensions. Finds inconsistent declarations, argument/parameter mismatches, uninitialized unaccessed variables, unreferenced variables, suspicious macros, indentation, more. Includes user-modifiable library description files for the Lattice and Aztec compilers. $98.00 *Gimpel Software*

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Single-pass ISO compiler features separate compilation, random access, reset/rewrite, Include, External, text editor, full cross reference listings. $99.95 *Metacomco*

Metacomco Shell
Command line interpreter with many features including command line history, command line editor, aliases, variables and push and pop directories. $69.95 *Metacomco*

Metacomco Toolkit
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MetaScope: The Debugger
An application program debugger that provides a multi-window environment for you to observe and control the execution of your application program. It gives you sophisticated breakpoint and trace capabilities, full symbolic support, a direct to memory assembler, and much more. $95.00 *Metadigm, Inc.*

Power Windows 2.5
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Re Source is an intelligent interactive dissassembler for Amiga programmers. It is written entirely in assembly language. This is the most powerful disassembler available on any personal computer. There are over 700 menu functions. If you're serious about disassembly code, look no further. $75.00 *The Puzzle Factory*

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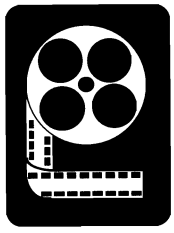

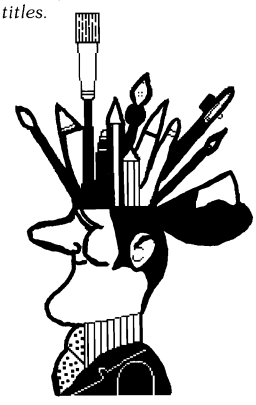

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•VIDEO PROGRAMMING•

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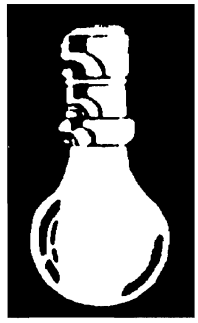

UTILITIES

1.3 Enhancer Kit
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AccelerDisk
This utility installs a bootable Fast File System onto floppies. Unlike other attempts to put FFS onto floppies, AccelerDisk provides consistent, reliable performance, and can be used on DFO to boot up. Increases storage capacity, and increases directory access speed at least two to three times. $29.95 *MJ Systems*

Ami.. Alignment System
This program allows user to evaluate 3.5 disk drive alignment, speed, read-write performance and other characteristics. All to frequently, users encounter error messages related to the disk drive. This program provides a means of diagnosing and correcting the problem.
$49.95 *Free Spirit Software*

Amiga Multi-User Software
Allows the Amiga to serve multiple terminals with more than one window per terminal. Runs text only CLI programs from the terminals. Multi-user database software available.
$120.00 *Conceptual Computing*

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AutoKick
Modify A1000 Kickstart disks to use any floppy to boot from. Software autoconfig contiguous blocks of fastmem, increase available chip RAM. Install a font of your choice in place of Topaz-8 font provided on Kickstart. Install code to prevent the spread of any viruses. Reduce the annoying click from empty drives. Speed up floppy operation. Full intuition interface, all operations selectable from gadgets. Runs from CLI or Workbench. Coded in 68000 Assembler.
$29.95 *DigiSoft*

B.A.D.
B.A.D. is a disk optimizer. Disk optimizing is a process wherein a disk is reconstructed and organized in a manner such that the disk performs much more smoothly and quickly. The results of processing a disk are quite noticeable, as it is difficult to keep disks well organized. B.A.D. does not change anything on the disk, except the location of data. B.A.D. works with floppies and hard drives, and also supports multiple partitions. $49.95
Centaur Software, Inc.

CLI-Fonts
Provides alternate font styles and sizes for the CLI and Workbench displays to replace the built-in Topaz font. Various fonts are provided with sizes from 60 to 106 characters per line. Will accept fonts built using the standard Amiga font editor, Fed. Transparent operation means compatibility with most software including text editors. Amiga 500, 1000, 2000. AmigaDOS 1.2, 1.3. Free updates. $34.95 *Eraware*

DisKwik 2.0
A complete disk editor and repair kit for the Amiga. Features include Edit in Hex or ASCII, search, restore deleted files, repair errors, check sum boot blocks and kickstart disks plus a lot more. Documentation describes disk origination and other aspects of AmigaDOS. Scans for errors.
$49.95 *Tigress*

D.U.D.E.
Dos Utility / Dos Enhancer combines the power of CLI with the simplicity of Workbench. Up to twelve directory windows are visible at once so you can manipulate your files conveniently. Designed to use a minimum amount of precious RAM to maximize multitasking efficiency. Every aspect of the program can be customized to your needs and preferences. Includes a hard disk backup function. $49.95 *Centaur Software, Inc.*

Dunlap Utilities
A collection of over 40 interactive utility programs. Verify hard drive errors, retrieve deleted files and program your keyboard with macros. By-pass the Workbench or CLI with a better optimized, user definable Amiga user interface. $79.95
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GRABBiT
10K background-resident utility can print or save almost any Amiga screen images to disk in standard IFF format and is compatible with any printer supported by the Amiga. Includes ANYTIME pop-up color palette requester.
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Programmable calculator construction system. Design customized calculators which are fully programmable and include an integrated program editor. Over fifty advanced functions are included supporting math, engineering, scientific, logical, trig, statistical, and financial operations. Additional functions can be user programmed. Alternate key sets on each calculator allow binding of complex formulae to single keys. Hex, decimal, and binary systems are supported. Graphic plotting window with scalable grid for visual data analysis. HOT KEY activation of calculators. Fully Intuition compatible for multitasking versatility. Example calculators and programs included.
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KickWork 1.3
Single disk boot for the Amiga 1000. KickWork combines KickStart and Workbench on one disk providing Amiga 1000 users with a single disk boot system. A one disk software system for unattended applications. Warm boot with any other Workbench. Reboots automatically, does not have to be re-armed. $29.95
Amigo Business Computers

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This multiple preferences management tool lets you create, restore, edit, rename, sort, delete, or undelete all the preference settings you like. You can advance your printer paper to the top of the next page or toggle your Workbench screen between interlaced and non-interlaced mode instantly. $29.95 *Soft-Link, Inc.*

MultiBench
A complete Workbench replacement combines the best features of an icon-based desktop, CLI, and directory utility. Extensive command language with ARexx interface. Custom menus and keyboard macros. Directories as icons or text. Selectable default icons. Able to load Resident commands. Built-in text browser. Background pattern editor. Fast, compact code.
$49.95 *Poole Creek Software*

SA Utilities V34.807
This software and firmware enhancement allows better support of accelerator boards (68020), high capacity read/write magnetic disks (e.g. RICOH RO5030), and a new image backup to any Amiga DOS device. ARK allows you to make an image of your hard drive to floppy, another hard drive, even a Bernoulli drive (20M or 40M).
Price unavailable.
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A collection of utilities for AmigaDOS versions 1.2-1.3. The package includes a disk option called tune-up that can boost disk performance up to 400%. Also includes an archival/incremental hard disk back-up utility, a program that recovers deleted files and repairs corrupt disks; a full feature disk block editor, and a dozen CLI-based disk management utilities. Supports all Amiga hard and floppy disks and the fast filing system. Requires 512K RAM. $89.95
Lake Forest Logic, Inc.

Trumpcard/AMAX Hard Disk Support Utilities
Trumpcard / AMAX Hard Disk Support Utilities includes all software necessary to interface a hard drive to AMAX using the Trumpcard. The utilities include the now famous Trumpcard patch, a new version of TCUTILS, the Trumpcard utilities package, and ONTRACK Software's Disk Manager Mac formatting software. These three packages have been integrated into a single environment and released on an Amiga DOS formatted diskette. This package gives AMAX / Trumpcard users the capability to mix Macintosh and Amiga DOS partitions on a single drive. Since all formatting and partitioning is done within the Amiga environment, the use of Mac compatible floppy drives is no longer necessary.
$79.95 *Interactive Video Systems*

Tshell
UNIX-like command shell, CLI replacement, C-like forth generation language and operating system interface. Features command line editing and history, built-in commands, variables, arithmetic operators and expressions, looping and conditional statements, procedures, ARexx-compatible interprocess communication, and complete on-line documentation.
$49.95 *Metran Technology*

WShell
Replacement command shell that offers command aliases, resident commands, piping. CLI compatible, supports ARexx.
$49.95 *William S. Hawes*

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OmniTool allows you to duplicate disks that you may have for other computers. It is able to copy most protection schemes used by other computers and will even copy software that cannot be duplicated on the host machine! The **OmniTool** is able to duplicate the Atari ST, MS-DOS, CP/M and Xenix formats. It will also allow you to quickly duplicate most music synthesizer formats including *Ensoniq* and *Roland*.

EditorTool will give the expert user complete control over AmigaDOS floppy disks. You can examine disks at the sector level in hexadecimal and ASCII. Features include data and bitmap block checksumming as well as boot block checksumming. You can search through the edit buffer for virus text, hidden passwords, messages and hex values. You can also edit the MFM encoded data on a track.

CatalogTool will help you organize and index your software library. It can automatically read filenames from any AmigaDOS file system (DF0: HD0: etc.) or you can enter filenames manually. You can then quickly separate and sort your filenames into different categories.

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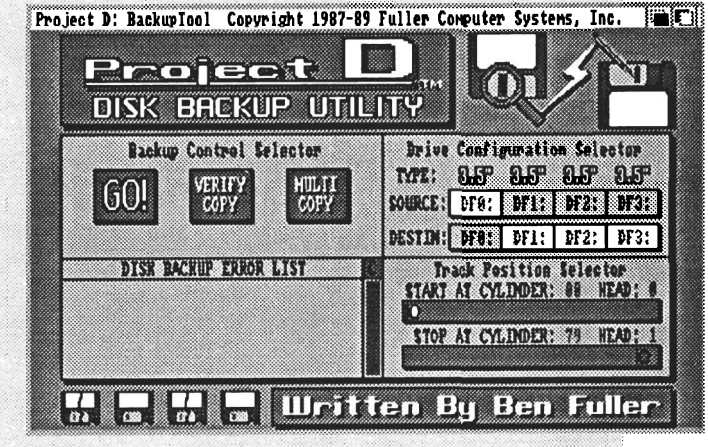

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Amiga is a registered trademark of Commodore-Amiga, Inc. Dealer Inquiries Invited Project D is a trademark of Fuller Computer Systems, Inc.

Utilities

can be used normally from both Workbench and CLI. Can fill a floppy disk with files from your hard disk in 45 seconds. Designed for effective multitasking. Backup parameters can be saved in configuration files. Fully documented with a 65 page manual which includes a 25 page section with help and ideas on how you can better organize and manage your hard disk drive.
$44.95 *Express-Way Software, Inc.*
(please see display ad opposite page)

EZ-Backup
Save up to 255 versions of each file. Eliminates the need to do full backups each time the incremental back-up disks begin to pile up. Features optional warning screen, volume label checking, standard format, individual file recovery. Multitasking. Provides archive-bit utilities. Not copy-protected. Free upgrades and telephone support. $49.95 *E-ZSoft*

Fat Tracks
An upgradeable nibbler. This back-up utility will allow you to make archival back-ups of many of your protected software that uses non-standard DOS. Fat Tracks was designed to compliment RawCopy V1.3. To have both is to have the most comprehensive copying power available. Our two utilities are designed to complement each other. Where password elimination and gap deprotection is wanted, RawCopy is unbeatable. Where non-standard DOS is used, Fat Tracks excels. Price Unavailable
Micro Systems International

HDutil
Fast backup mode, 20 meg in under 50 minutes. Include/exclude files by wild card, date, archive bit, list, globally, or by point and click. Auto configures to multi hard drive or partition systems. Works with all AmigaDOS compatible hard drives. Multitasking, 3 backup restore modes, builds, sorts and manipulates all files. Runs from Workbench or CLI. Written in 68000 Assembler code. 512K required.
$69.95 *DigiSoft*

LV BackUp
Protects the data stored on your Hard Disk, RAM Disk, or Network device by copying to floppy disks. $69.95 *MKSoft Development*

Project D
Integrated disk utility system. Includes The Backup Tool, disk copier. Copies most protected disks with parameters updated regularly. The Omni Tool, a special format copier, duplicates MS-DOS/PC-DOS, Atari-ST, CP/M, and Xenix formatted disks. The editor Tool, powerful disk editing utility allows you to edit Amiga disks from AmigaDOS to MFM Catalog Tool; disk indexing utility helps keep track of personal, commercial, and public domain disks. $49.95
Fuller Computer Systems
(please see display ad on previous page)

Quarterback
Hard disk-to-floppy backup runs under Workbench or CLI. Backs up to or restores from floppy disks, Inner Connection's Bernouli drive or any AmigaDOS compatible device. Uses two floppy drives (if available) for back-up/restore with automatic switching. Automatically formats diskettes, builds catalog of files, produces backup/restore report to disk or printer, and much more. $69.95
Central Coast Software

RawCopy V1.3
Ultra-powerful backup tool for your Amiga. Copies software that no others will. Deprotects many of your favorite programs. Supports up to four 3.5 inch disks drives. Mouse-driven user interface. $59.95
Micro Systems International

StarSoft
Hard Drive Backup Utility Fast, reliable backup utility for AmigaDOS compatible devices. Supports multitasking, transaction files, incremental and selective modes. Fast and friendly. Requires 512K RAM. $39.95
StarSoft Development Laboratories

SuperBack
Protect data stored on a hard disk, RAM disk, or network device. Select or copy any or all files or directories onto floppy disks. Data may be restored selectively by file, directory, or device. All features accessible from key commands or mouse. Clear screens and menus; concise manual, and in-depth tutorial with step-by-step back-up instructions. $79.95
The Disk Company

The Reaper
The Reaper is the first disk copier with public domain TEXT parameter files. These files allow total user programmability of the copy process. Features include: standard ASCII textparameter files, find shifted sector headers, find transposed sector header fields, edit MFM/GCR raw track data, edit decoded track data, installs on hard disk. Not disk protected. Execute custom programs from parameter files and Assembly language WHERE IT COUNTS! Available October 1989. $39.95
Conceptually Advanced Technologies

•CRYPTOGRAPHY•

LuCypher 1
Fast file encryption package with convenient WorkBench interface for general file security and telecommunications security. Employs rotor-simulation algorithm with 16-character key for high speed and solid cryptographic security. Upgradable to LyCypher 2. $49.95
($2.00 shipping) *MegageM*

LuCypher 2
Complete RSA public key cryptographic system based on prime numbers up to 300 digits long. Fast efficient implementation for Amiga. Ideal as key management upgrade to LyCypher 1. Includes LyCypher 1. For sale in US and Canada only. State of the arts telecommunications security. $199.95 ($2.00 shipping)
MegageM

Magicode
Encryption system allows file protection in single or multiple levels. Contest challenges you to break the system. $34.95
Magicircle Software

•DOS CONVERSION/EMULATORS•

64 Emulator
Commodore 64. Optional interface cable lets you use any Commodore 64 disk drive or printer.
$39.95; with cable $59.95 *ReadySoft Inc.*

CrossDOS
MS-DOS file system. The program allows the user to transparently access MS-DOS Atari ST formatted disks from any application or utility. It fully integrates itself into the Amiga operating system. It will perform virtually all DOS functions on standard Amiga hardware. It uses standard Amiga 3 1/2 and 5 1/4 floppy drives to read and write 180K, 360K and 720K MS-DOS disks.
$30.00 *Consultron*

Disk-2-Disk
Transfers files between C64 or C128 and the Amiga. Reads/writes 1541/4040 and 1570/1571 disk formats. Converts Commodore/PET ASCII to Amiga ASCII and vice versa. Supports AmigaDOS style wild cards in the file names. Query/replace option provides duplicate file name detection. TYPE and DELETE (scratch) commands; file renaming where restrictions occur. Utilities to convert Doodle, Print Shop, and Koala picture files to IFF format. Requires a 5.25 model 1020 or compatible disk drive.
$49.95 *Central Coast Software*

DOS-2-DOS V3.1
Transfers files between MS-DOS or Atari ST and the Amiga. Reads/writes and formats 5.25 and 3.5 MS-DOS disks and Atari ST 3.5 diskettes. Converts ASCII file line ending characters and provides Wordstar compatibility. Query/replace options provide duplicate file name detection. Supports full directory path names, with wild cards in the file names, allows selection of MS-DOS and AmigaDOS subdirectory and displays sorted directory listing. $55.00
Central Coast Software

Fruit Friend
File transfer utility allows the Amiga to read and write to Apple IIe ProDOS or DOS 3.3 disks; converts Apple IIe picture files to IFF.
$49.95 *Top Disk Software*

MAC-2-DOS
Lets you read and write Macintosh diskettes on your Amiga, to and from 400K and 800K, using a standard Mac compatible 3.5 external disk drive connected to your Amiga via the CCS interface. Converts MacPaint files to and from IFF and Mac ASCII files to and from Amiga ASCII. As it transfers files, MAC-2-DOS automatically transfers and converts icons for the files, or creates icons. Available in two distinct configurations: Package A includes a custom hardware interface, file transfer and file conversion software. In addition to what comes with package A, Package B also includes a Mac-compatible 3.5 disk drive, and driver software to enable it to be used as a standard Amiga storage device. A, $99.95; B, $349.95
Central Coast Software

More than just a Hard Disk Backup Utility

ExpressCopy

Rapidly copies directories and files to floppy disk

FAST Copies directories and files from Hard Disk to Floppy Disk at up to 1 MegaByte per minute. Can format, verify, AND fill a new floppy disk with files in less time than it takes AmigaDOS to format a new disk!

SAFE Other Hard Disk Backup Programs this fast create NON standard disks that can only be used by their program. NOT ExpressCopy! ExpressCopy creates STD DOS disks that look just as if you had done a copy from your Hard Disk to floppy. If your Hard Disk failed, the backup disks can be used NORMALLY from both the CLI and Workbench! This gives you a SAFE and EASY way to accesss important files you backed up.

Select files by their DateStamp, pattern matching, Archive Bit, and by source directory. Exclude files from being copied by filename pattern matching. All file attributes (DateStamp, Protection Bits, and FileComment) are retained. Options for setting the Archive bit for incremental backups, verifying the data written to floppy disk, and estimating the number of disks needed for the backup. Up to 4 copies of the backup disks can be created at a time, or disks can be pre-loaded in up to 4 disk drives. New disks are automatcially formatted and verified. Easy recovery if a bad diskette is found.

Parameters to be used for backups can be saved in configuration files. Either Normal or Fast File compatible disks can be written. Specifically designed for effective multi-tasking.
Backup restoration can be done using any file copy program, a Directory Utility, or ExpressCopy's Restore program.
Can be used from both the CLI and Workbench and has no copy protection.
Fully documented with a 65 page manual which includes a 25 page section with help and ideas on how you can better organize and manage your Hard Disk.

All these features and speed for ONLY:
$44.95 US
Check/Money Order/MC/VISA
Add $4 ($8 outside US and CAN) for shipping & handling.
Missouri residents add 5% sales tax.

Express-Way Software, Inc.
PO Box 10290
Columbia, MO 65205-4005
(314) 474-2984
Hours 9AM - 5PM CST

Requires an Amiga with at least 512k ram and Version 1.2 or higher of AmigaDOS
Amiga, AmigaDOS, and Workbench are trademarks of Commodore-Amiga, Inc.

Circle 122 on Reader Service card.

•FILE MANAGEMENT•

CLImate
User-friendly, file management utility. Allows you to by-pass CLI. $39.95
Progressive Peripherals & Software

Disk-Master
File management software. Allows you to view and manipulate up to 80 files and directories at once. $49.95 *Progressive Peripherals & Software*

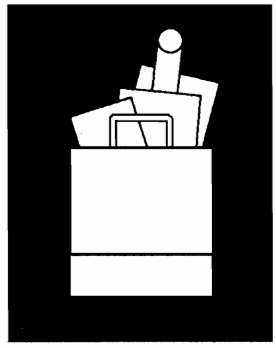
•VIRUS CHECKING/PROTECTION•

Amiga Virus Protection Toolbox
Abacus' Virus Protection Toolbox is a book/software combination. The book describes the phenomenon and the measures you can take to protect your computer system from the harmful effects of a virus. The software hunts down the suspicious programs which may contain viruses. The toolbox includes a 160 page manual and describes how computer viruses work, what problems viruses cause, how viruses invade the Libraries, Handler and Devices of the operating system, preventative maintenance that you can take, and how to cure infected programs. ISBN 1-55755-055-7 $59.95 *Abacus Software*

Anti-Virus
Anti-Virus is a virus protection software package with a unique feature that should stop the proliferation of any Amiga computer virus - a visual Anti-Virus bootblock. The visual bootblock displays the Anti-Virus logo on the screen every time an Amiga is turned on or warm booted. If a virus is present when the computer is started, the logo will not appear. Comes with a utility, vCheck, that monitors virus transmission paths. The utility is placed in the Amiga startup-sequence and monitors each disk placed in the users Amiga. Also comes with vTrojan, the only Trojan horse protection utility available, and ships with a bootblock cataloging program.
$19.95 *DevWare, Inc.*

Virus Infection Program (V.I.P.)
Protects viral disk infection. Viruses destroy vital boot block information; V.I.P. allows the user to preserve a library full of boot block information on a database. When the virus strikes, V.I.P. replaces the boot block information by writing it back from the database. Operates in English, Danish, German, French, Italian, and Spanish.
$49.95
Discovery Software International

ZeroVirus III
ZeroVirus III is a complete virus detection, removal and protection system. Using ZeroVirus III, you can check the bootblock of any disk for virus. You can install the disk (removing the virus) with any of five provided bootblocks. You can also backup (record) the bootblocks of your commercial programs, to insure recovery from any future virus attack. ZeroVirus III can check single directories or entire disks for virus. Using the file catalogue option, you can catalogue a directory or an entire disk to check for any changes later on. ZeroVirus III also uses brainfiles to make updating easier. It can also be iconified to run in the background, checking each and every disk you insert. $39.95
Micro Momentum, Inc



MISCELLANEOUS SOFTWARE

•AMATEUR RADIO•

AMIGAtrak
AMIGAtrak is a tracking program for Earth orbiting satellites. Upon giving a satellite name, date and time,the program provides the satellites location on a world map and gives time, longitude, phase, beacon frequency, plus elevation bearings when the satellite is in range. Voice readout is given and routines for scheduling, acquisition of signal times, hardcopy, etc are included. $24.00
NH Enterprises

•ARTIFICIAL INTELLIGENCE•

MAGELLAN™ V1.1
Expert system generating tool designed to allow users to build kno
wledge bases quickly through a mouse and window, graphically oriented interface. Knowledge is stored in an IF/THEN rule format, which can be edited and corrected easily. Runs on any Amiga with 1Mb. $195.00
Emerald Intelligence

MAGELLAN™ V1.1 plus the MAGELLAN Interface Toolkit
Expert system generating tool designed to allow users to build knowledge bases quickly through a mouse and window, graphically oriented interface. Knowledge is stored in an IF/THEN rule format, which can be edited and corrected easily. Runs on any Amiga with 1Mb. The Interface Toolkit expands the capabilities of MAGELLAN by providing five interfaces to other software and hardware, including: SuperBase database files, Lotus 1,2,3 format spreadsheets, the serial port, ASCII text files and ARexx macro commands to run MAGELLAN from other software utilities. The Interface Toolkit is also available as an upgrade to registered MAGELLAN V1.1 users for $75. plus S&H. $249.00
Emerald Intelligence

•AUTHORING SYSTEMS•
(see also EDUCATION/Teaching Aids)

AU-901 CLAS Computerized Lesson Authoring System
For those who wish to create their own interactive teaching lessons, but have no programming skills. CLAS has the answer: Tell the Amiga what you want and let it write the program. CLAS lets you write imaginative programs that utilize all the Amiga's capabilities. You can use the digitized picture screens, add voice and music, custom-design all your programs. CLAS contains English, German, Spanish, and French alphabets.
$99.00 *MicroEd*

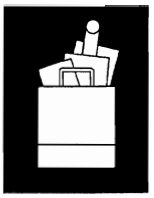
C.L.A.S. (Version 1.2)
This 3-disk program is designed for Amiga users who do not know how to program, but who does know what they want in the way of educational software. They know the subject matter, how the learner is to interact with that subject matter, and what speech and pictures should be included. The necessary commands can be given in plain English, whereupon the Amiga itself will automatically write the desired program for you! $129.95 *MicroEd*

CanDo
CanDo (Power Steering for the Amiga) is a unique, revolutionary software authoring system which allows any Amiga user to create sophisticated software without any programming experience. This gives Amiga users a practical and easy way to use the output from graphics and sound programs which they are already familiar with. Create a program (with complete user interface, including menus and buttons) that displays ILBM graphics, plays DPaintIII AnimBrushes, plays sampled sounds and much more. Now, anyone CanDo it! Available September 1989. $149.95
Inovatronics, Inc.

PILOT: Programmed Inquiry, Learning, Or Teaching (Version 1.3)
Authoring language for computer-based instruction and interactive video which implements the common PILOT command set. Programming environment includes sound, synthetic speech, IFF graphics, mouse input, timed delays, record keeping, selectable fonts, interactive video support. Additional support includes Pioneer LD-V4200 Laser VideoDisc Player, partial support for other RS-232 video devices, genlock, with touch panel support for the Sony PVM-1911 monitor or the Carroll touch smart-frame panel. $299.95
Flight Training Devices

Thinker
Idea Processor combines a word processor, Hypertext and a hierarchical text processor. Can

Miscellaneous Software



be used as a writing tool, a planning tool, or even a database. Easy to learn, with step by step tutorials. $79.00 *Poor Person Software*

UltraCard
UltraCard is a revolutionary new product for the Amiga. It allows you to mold the Amiga in your own personal style. Supports both Hypermedia, the integration of sound, visual graphics and text as well as Hypertext. In fact, UltraCard can make any portion of your screen, text or graphics, a hot spot which, when you click on it with the mouse, can take an action simple as playing a sound or displaying new information or as complex as running other programs. Supports all Amiga screen modes except HAM and overscan. Including PAL and NTSC. Supports ARexx as both a client and a server. Includes built-in Ultra Talk scripting language. Supports true Hypertext. An action can be triggered by a word or a phrase. Direct access to Amiga ROM and user-written shareable libraries. Design and connect elements of a stack without typing. Autolink to ARexx scripts, programs and other stacks at the click of the mouse.
$50.00, mail orders please include $5.00 shipping and handling. *Intuitive Technologies*

V.I.V.A. Professional
Object-oriented authoring system for interactive presentations and computer-based training. Can utilize graphic images or laser videodisk segments. $750.00 *Knowledgeware*

VIVA (Visual Interfaced Video Authoring)
A Hypermedia authoring environment for the Commodore-Amiga user. VIVA lets you create, manage, and display information. Control text, graphics, video, color, and animation. Also controls video recorders, laser videodisk players, and a full range of visual media devices. Use as stand-alone interactive environment or an information-dispensing system. Icon-driven program is very easy to use. It combines a graphical user interface, easy editing, graphics libraries, custom fonts, a speech module, and many more features. With the visual construction set represented by icons, anyone can create a personalized application at the click of a mouse. $199.95 *MichTron*

VIVA Professional
Gives VIVA two powerful new function groups, record-keeping databases and expert systems to make it the ideal presentation tool for the instructor, developer, or author who wants an application with student performance tracking, AI applications, or hyperbase creation. The applications can be used by VIVA or V.I.V.A. Professional. $599.95 *MichTron*

•CALENDARS•

CAL Calendar Maker
Create your own custom calendars. Print two 8 1/2 x 11 formats. Accepts fonts or uses library provided. Keep several calendars under different names. Set your own starting dates. Accepts information from applications like NAG Plus via ARexx. $49.95 *Gramma Software*

GIRLS: Impressions of the Riviera
Pin-up calendar on disk. 16 tastefully rendered pin-ups, plus clock/memory reminder and 5 macro keys $24.95 *Graphic Expressions*

•COOKING•

ACE/Automated Catering Environment
A complete database/word processing program for a professional catering environment. Permits storage and retrieval of recipes (comes with 175 celebrity and professional catering recipes. Resizes recipes from 1 to 9,999 servings. Also includes a customized wine list, which can be appended to your recipes and dinner menus. ACE can calculate room space and number of tables, recipe prices, and food and beverage ordering lists as well as generating job bids. Will print index cards, address labels and Rolodex cards. Full American and metric measures supported (also converts between). $79.95
USA Media

Celebrity Cookbook Version 2
Celebrity Cookbook Version 2 comes complete with the Personal Recipe Filer, Version 2— a complete recipe filer and organizer. Enter and file your own recipes in any of 6 different categories. Basically, a non-professional version of our ACE program. Comes with 50 celebrity recipes. $34.99 *USA Media*

Desserts Cookbook
You'll enjoy over 150 tantalizing mouth-watering desserts including an extensive assortment of types from puddings to elegant cakes, from frozen sorbets to fancy cookies. Available in two versions—Home (Standard): Directions and unit amounts edited for home cooking, and Quantity: Edited for Institutional style cooking (recipes yield 50 servings). Disk $14.95
Meggido Enterprises

Nutri-FAX
Nutritionally analyze your recipes for the most common nutrients. Data base utilizes food items from USDA Handbook 8 and allows for easy user expansion. Includes Variety Cookbook Recipe Disk with over 150 recipes edited for home use $59.95 *Meggido Enterprises*

Recipe-FAX
Adjust recipe yield up or down, convert to and from metric or US standard, with ease. Store and/or print adjusted recipes. Includes Variety Cookbook Recipe Disk with over 150 tasty, nutritionally analyzed recipes edited for home use. $39.95 *Meggido Enterprises*

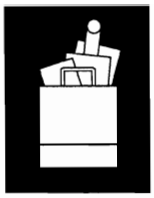
The Cookbook Construction Kit
The Cookbook Construction Kit is a new concept in software. Using the Personal Recipe Filer, Version 2 (included), the Kit allows you to file and organize all of your own recipes (or any you choose) into a stand-alone cookbook which can either be distributed on disk or printed out. Perfect for would-be cookbook authors, churches and other community groups. Print your own cookbooks! Also works with ACE.
$34.95 *USA Media*

The Great Recipes of Italy
Designed to work with ACE, this collection includes 160 one-of-a-kind Italian recipes. Compiled with the cooperation of the five-star award-winning 'Ciao's' of West Palm Beach, Florida, this is a serious collection of original great Italian culinary creations. Add your own creations to this fabulous collection.
$24.99 *USA Media*

Variety Cookbook
Over 150 scrumptious, tasty recipes from several food categories encompassing beverages, breads, breakfast, desserts, entrees, salads, sandwiches, sauces, soups, vegetables and miscellaneous. Available in two versions—Home (Standard): Directions and unit amounts edited for home cooking, and Quantity: Edited for Institutional style cooking (recipes yield 50). Disk $14.95 *Meggido Enterprises*

•DISK CATALOGS•

Complete Cross-reference
Catalog of Fred Fish Public Domain Library on



Miscellaneous Software

8.5 x 11 inch hole-punched paper. Three sections: cross-referenced by file names, cross-referenced by subject and application outline, and complete contents and file description listings. Also available on two-disk set.
$20.00 *The AMIGA Class*

MAGDEX
A memory based index of eleven Amiga specific magazines. Over 4300 entries including author, title, category, type and comments. Rapid search including wild carding. $10.00 *Selectronics Inc.*

PUBDEX
A memory based index of more than 3700 Amiga Public Domain Programs, including the first 200 Fred Fish Disks. Each entry contains name, author, size, version, category, source and comments. $10.00 *Selectronics Inc.*

Public Domain & Shareware Collections
Public Domain and Shareware collected by category and packaged with complete Workbench access for ease of use by both novice and expert users. Each disk contains complete author's documentation and has an eight color graphic label. $7.00 (with quantity discount) *Premier Software*

•DISC MAGAZINES•

A. X. Magazine
Disk-based magazine offers reviews, articles, columns, and music playable from the magazine. 9.95 for 3 disks + Bonus disk *A.X. Productions*

Generic News
A new disk magazine for the Amiga with games, articles, reviews, hints & tips, tutorials, pictures, and programs. Dealer inquiries welcome. Quarterly until January 1, 1990. $9.95
Generic News Magazine

Jumpdisk
A monthly disk-based magazine for the Amiga. 12 mos. $66; 6 mos. $37; 3 mos. $20; $9 each
Jumpdisk

SPOC Digest Disk Magazine
The best for Amiga each month from around the world on one disk. 1 year: $55.00, 6 months: $30.00, Sample: $3.00 *S.P.O.C.*

•ENGINEERING•

Amiga FFT C Package
Fast Fourier transform package in C provides all the source you need to perform detailed frequency analysis utilizing a complete set of Fast Fourier Transform routines (FFT). The package includes C source for derivation of the Power-Spectrum, Phase-Amplitude Spectrum, Inverse FFT. Also for hamming window and user interface functions. $152.00
ACDA Corporation

DigiScope V1.0
A digital storage oscilloscope emulator program. Designed to work with any parallel-port digitizer. Digital signal processing, waveform scrolling routines, archival functions, and the standard complement of signal statistics. Also features an extensive Fast Fourier Transformation (FFT) $139.95
ACDA Corporation

•GAMBLING•

Lottery Assistant
Works with any major lottery. Increase your odds of winning by up to 500%. Includes random number generator, and more. $39.95
Classic Future

Lottery Magic
Keeps track of lottery numbers in all states, figures frequency distribution on all numbers. Lets you wheel numbers $24.95 *Slipped Disk*

Lotto Cipher
Increase your chances of hitting it big by picking winning lottery numbers. $29.95
Acorn Of Indiana

Lotto Master
Easy to use, complete program for lotteries. Sorts and prints number combinations, includes many wheeling systems. Demo disk available for $3. Free brochure. $29.95 *Gladstone Productions*

Professional Lottery System
Professional Lotteries Systems is a unique program for analyzing the lottery systems around the world. It is a full featured generating system which allows for user customization of the software to accommodate most every possible lottery in the United States and abroad. Features include database computation of daily and lotto-type lotteries, graphs, hot and cold deviations, frequency distribution of the numbers, and a multitude of wheeling systems. A must for anyone with a serious attitude toward the lotteries. $39.95 *Digital Concepts*

Sports Handicapping Programs
For horse racing, dog racing, football, etc. Demo disk available for $3. Free brochure.
$34.95 *Gladstone Productions*

•GENEOLOGY•

GENP version 1.01
Genealogical software for individuals, medical researchers, society or schools. Standard descendant, pedigree, family charts. Multitasks with your word processor for any length text. Multiple databases each with 64K people. Customize screens to another language. Pictures. Hotkeys. Multiple users. Use the data dictionary to search information using terms you prefer.
$150.00 plus shipping *Australian GENP*

Norgen—The Geneological Database
Full-featured product of the application generator Norbase. On-screen searches among and within 18 generations at the click of the mouse. Over 30 reports to printer or screen. Date fields are the only fixed-length fields. Duplicates sibling, spouse, child, and note fields as needed by function key. Access to Workbench provided via program interface. $99.95 *Norris Software*

Your Family Tree 2.0
Organizing your family history is easy with this program. It is designed to keep track of the sometimes complex links between family members. Supports as many as 16 million individuals, 8 marriages per individual, and 40 children per family. Record individual reference ID, gender, dates and places of birth, christening, death, and burial, residence, occupation, religion, and links to parents. Also provides a very powerful Search function that allows creation of custom reports and helps in recognizing family relations. Requires 1mb RAM.
$69.95 *MicroMaster Software*

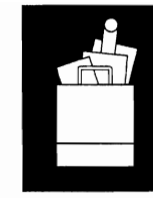
•HOME SECURITY•

AMI-X10
Works with X10 (USA) Inc.'s X10 Powerhouse Computer Interface. Accesses 256 different code combinations for timed or immediate command. Stores and retrieves an unlimited number of event schedules. Multitasking. $49.50
Digital Dynamics

•INTERFACES FOR THE BLIND OR VISUALLY IMPAIRED•

Better View
Better is a screen magnifier program designed for the visually impaired which lets you magnify any screen while using it normally. Works on all Intuition screens in all display modes including Hold-and-Modify and Extra Half-Brite. vertical and horizontal magnification factors may be changed independently in increments up to 32 times. $49.95
LateNight Developments Corporation

Miscellaneous Software



TESS-Talking Electronic Spreadsheet
TESS is a spreadsheet intended for use by the visually impaired. Supports up to 32,767 by 32,767 cells (subject to memory capacity), and printing format options. No video monitor needed. All user output is done using synthesized speech. $49.95
Prairie Dock Software

WE Editor
An editor designed for use by the visually impaired. Supports printing using the PROFF formatting utility, or directly to the printer. WE has a line-oriented user interface that can easily be used by the blind. Spelling checker function included. $49.95 *Prairie Dock Software*

•NETWORKING•

TSSnet
An implementation of the DECnet network protocol for the Commodore Amiga. Add Amigas to DEC VAX mainframe computer networks. Amigas become Phase IV end nodes when connected to DECnet via the serial port or through a modem. Also connects to faster network systems such as Ethernet. TSSnet also works with GfxBase's X Windows for the Amiga. Available 4th quarter of 1989. $395.00
SYNDESIS

XII for the Amiga
Supports displays up to 1008 x 1024 as well as resolutions down to 640 x 480. The Amiga XII uses tcp/ip over ethernet for connections to other machines and a highly efficient shared memory message passing scheme for local connections. Includes several clients that run under the native AmigaDOS. The XII coexists with the native windowing operating system of the Amiga, works with Dec Vax's, Suns, Apollo's, HP equipment and others. $395.00 *GfxBase*

•RELIGION•

Bible Files On Disk
Genesis through Revelation, 9 disks. ASCII text files to be used with text editors or word processors. Word searching dependant on text editor or word processor's capability. Not copy protected-may be installed on hard drive. King James only. Make checks or postal money orders (U.S. funds) payable to Don Keiffer.
$59.95 *John 1:1 Graphics*

BibleReader
The BibleReader program contains all 66 books of the King James Version Bible and a large 300 thousand character concordance/reference file. This program features Intuitive User Interface, full 80 column screen display, Bible text files in ASCII format, concise nine page manual, built in help screen, user length screen dump and much more. The EasyScript! Amiga BibleReader is available on 7 (3 1/2) disks. $49.95 plus S&H
EasyScript! Software

N.T. Bible Database
The N.T. Bible Database is a database file of the New Testament that is to be used with Superbase Personal 2 or Superbase Pro. 3.0 database programs. The New Testament chapter with the data, a 2 disk set is available which includes the King James New Testament text files with an .sbt extension giving you the ability to see each chapter in superbase's text window as an external text file. An external drive is needed for this. CA residents please add 6.75% tax. S & H $5.00 U.S. $10.00 Foreign. Make check or postal money order(U.S. funds) to Don Keiffer.
Database $19.95, Database + New Testament $49.90 *John 1:1 Graphics*

RL-901 In the Beginning
Elementary level. The biblical story of the creation of the world. From chapter I of the book of Genesis. $29.95 *MicroEd*

RL-902 Adam and Eve
Elementary level. The biblical story of the fall of Adam and Eve. From chapters II and III of Genesis. $29.95 *MicroEd*

RL-904 Abraham, Friend of God
Elementary levels. The story of Abraham's trust, and God's promise. From Genesis, chapter XII. $29.95 *MicroEd*

RL-932 The First Christmas
Elementary level. The New Testament story of the birth of Jesus in Bethlehem.
$29.95 *MicroEd*

RL-938 The Story of the Good Samaritan
Elementary level. The parable that showed the importance of treating others as we would want to be treated ourselves. $29.95 *MicroEd*

RL-993 In The Promised Land
5 disks. High school to adult. Stories of the Chosen People and their conquest and settlement of the Promised Land. Stories include events from lives of Joshua, Samuel, and David. $89.95 *MicroEd*

The Context Bible
New International Version. Formatted to use with the Thinker hypertext program. Insert your own notes, automatically linked cross references, outlines, and charts. See-thru links can show parts up to 32 files on screen at once. Create jump-links to verse, files, programs, pictures, and ARexx macros. Read, write, and edit in up to eight resizable, stackable windows. Scroll through text and selectively reveal up to thirty levels of outline. Available Spring 1990.
Price unavailable *Neuralink*

The Bible on Disk
These document disks contain the text of the King of James Version. They can be accessed by any Amiga-compatible word processing program. $99.00 *MicroEd*

•STATISTICAL ANALYSIS•

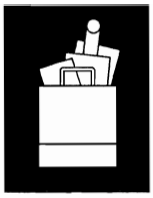
(see also BUSINESS & HOME PRODUCTIVITY/StatisticalAnalysis)

Anova
A complete set of analysis of variance algorithms for several experimental types, replicated factorials (one, two, and three way) unbalanced factorials (full, blocked, and fractional), response surface designs, analysis of covariance, more. The Duncan multiple range test is included for the comparison of means. $125.00
Lionheart Press, Inc.

Arima Techniques
Contains the essential elements for the Box-Jenkins analysis of time-series. Data entry program allows transformation and differencing of time series. Programs calculate the coefficients of corellation suitable for drawing correlograms. Also includes Autoregression analysis and a program to evaluate the significance of the Durbin-Watson statistic. Two independent Box-Jenkins programs, an Arima (212) model and a three parameter model. $125.00
Lionheart Press, Inc.

Biometrics
Edited and expanded material from Sokal and Rohlf's Biometry. Descriptive statistics include stem-and-leaf displays, boxplots, coded tables. Also includes standard techniques such as histograms, simple data entry and test analysis. Detailed coverage of statistical distributions, statistical inference, and hypothesis testing (parametric and non-parametric). Also includes a set of programs for the analysis of variance of experiments. $145.00 *Lionheart Press, Inc.*

Cluster Analysis
A collection of all the major cluster analysis algorithms. Data entry programs allow data entry and transfer to and from popular spreadsheets, scaling of metric data. Cluster analysis programs include procedures based on arbitrary clustering criteria, sum-of-squares of distance criteria, Hmeans and Kmeans, criteria involving invariants, Wmeans, the multiple-location allocation problem, and miscellaneous features like the bond energy criterion technique.



Miscellaneous Software

Programs provide results for plotting dendograms. $145.00 *Lionheart Press, Inc.*

Decision Analysis Techniques
Decision theory involving incomplete or conflicting information. Covers the major reaches of decision theory; assurance of samples and experiments, use of modeling and simulation, goal and mathematical programming, decisions under uncertainty and risk, decision tables and trees, more.
$145.00 *Lionheart Press, Inc.*

Decision Trees and Tables
Allows decision-making according to logically and statistically correct principles. Treats utility analysis, Bayesian probability analysis, probability, and other statistical principles. Decision table program allows entering prior and posterior probability information. The decision tree programs allow ranking the decision hierarchy for optimum results. (No graphic layout of the decision tree is included.)
$125.00 *Lionheart Press, Inc.*

Descriptive Statistics
Descriptive statistical techniques are primarily graphical. It is useful to calculate things, but it is essential to have a good look at the data before deciding whether or not to enter into heavy-duty numerical analysis. The title Descriptive Statistics is graphics-oriented and makes use of the new EDA techniques. You will be able to examine your data with letter-value displays, stem and leaf displays, and boxplots. When fitting data to a line you will be able to run a resistant line through the data points as well as carry out regression calculations. Analysis of variance is complemented by median polish and the preparation of coded tables. The distribution of data points can be checked by drawing rootograms. The program set includes crosstabulations, distributions, regression, sensitivity analysis and more. $145.00
Lionheart Press, Inc.

Econometrics
Covers most of the material in Johnson's Econometric methods. Topics include statistical distribution and inference, multilinear regression, including weight regression models, ridge regression, splines, logit analysis; models using simultaneous equations, models based on time series, autocorrelation, seasonal models, lagged variables, the Cochran-Orcutt correction for autocorrelation, more. Includes full set of transfer programs. $145.00
Lionheart Press, Inc.

Experimental Statistics
Covers distributions and sampling, statistical inference, regression analysis, experiment design and variance analysis. Describes background and usage of statistics, with examples. Program instructions detail the sixty programs included in the package. Specific topics include sampling distributions, application of the Central Limit Theorem, inverse and non-central distributions, statistical inference and hypothesis testing, regression analysis, probit analysis, more. $145.00
Lionheart Press, Inc.

Forecasting and Time Series
Covers the general methods of analysis of time-series and the forecasting techniques based on those methods. All types of time-series considered, those with trends, seasonality, and periodicity, autoregressive, etc. Time series used include stock prices and a utilities index to population series. Provides elaborate data entry and transfer facilities. Time-series analysis covers the study of periodicity, correlation, and cross-relation, autoregression, Fast Fourier Transforms and more. $145.00 *Lionheart Press, Inc.*

Linear and Non-Linear Programming
Programs based on the SIMPLEX algorithm and the Monte Carlo technique. Implements general purpose and non-linear programming programs using a Monte Carlo technique. Special problems handled include distribution and transportation, assignment, and travelling salesman problems.
$145.00 *Lionheart Press, Inc.*

Matrix Operations
Performs simple operations like matrix routines, addition, multiplication, transposition, and inversion. More complex routines find the given values of symetric and non-symetric matrices, and Cholesky decomposition of matrices. Provides solution of sets of similar equations. Also provides data transfer programs for easily moving files to and from spreadsheets.
$125.00 *Lionheart Press, Inc.*

Multivariate Analysis
Covers the major topics of multivariate analysis for those who have received formal training in that discipline. Manual and programs cover the major topics of the discipline, including multi-linear regression, correction analysis, factor analysis, discriminant analysis, canonical component analysis, and residual analysis. Multiple population topics include MANOVA with and without a covariate. Includes full cross-tabulation program, and probit analysis programs. $145.00 *Lionheart Press, Inc.*

Optimization
Covers major topics in optimization: Optimization by sampling and inference, optimization by experiment, including the use of response-surface experiments and orthogonal arrays; optimization by mathematical programming, more. Special topics study queues and simulated queuing systems, inventory problems; optimizing financial portfolios. General purpose optimization program OPTIMIZE allows optimizing user-defined function; SIMULATE provides the response of a user-defined function to random inputs.
$145.00 *Lionheart Press, Inc.*

Project Planner (PERT&CPM)
Handles job scheduling and optimum assignments. Major project planning based on the PERT and Critical Path Analysis techniques. Programs are activity-oriented (user must prepare the network of activities). PERT produces the critical path and probability of finishing on time. CRITPATH produces the critical path, then provides a report on all non-critical activities–latest starting times, earliest finishing times, etc. PLANNER is a full-featured project management program. $145.00
Lionheart Press, Inc.

Regression
Comprised of procedures based on the least squares technique. Program set includes simple linear regression, four multilinear regression programs, ridge regression, and regression using orthogonal polynomials. Provides a Durbin-Watson program to study the statistical quality control and all information related to chart preparation. Includes large section on the analysis of variance and experiment design. Topics and software cover traditional and more sophisticated quality control methods.
$125.00 *Lionheart Press, Inc.*

•TELECOMMUNICATIONS•

term2200
Emulates the Tandberg 2200 terminal, commonly used with Norsk Data minicomputers. It displays Norwegian, Swedish, German, and English characters, and the <esc>N and <esc>O character sets. Baud rates up to 9,600 are supported. Push keys, F keys, and many of the 2200's special function keys, such as COPY, EDIT, MARK, and PRINT are supported. PC/Link and XMODEM file transfer is supported, as well as the auxiliary printer. This product functions properly with NOTIS-WP, NOTIS-ID, and User Environment.
$125.00 *Venn Software Ltd.*

A-Talk III
For communications and terminal emulation on the Amiga. Includes X, Y, and ZMODEM, KERMIT and ASCII protocols. Script language with over 40 commands, unattended mode, 60 entry phone directory, quick menu for global selections, 2, 4, 8, color support.
$99.95 *OXXI Inc.*

Miscellaneous Software

AMIC Sportster Pack
Total communications package includes AMIC Term, membership to AMIC 2000, USR Robotic 2400 baud modem, and a Tyme Net telecommunications access package.
$289.95 *Amic Development Corp.*

AMIC Term
Fast communications software for the Amiga. Includes AMIC-Talk, all emulations, all protocols. $99.95 *Amic Development Corp.*

Amigaterm
Sophisticated emulation and telecommunications package that is easy to use. Select up to 130 columns to be displayed on screen. Pull down windows make operations simple. This package supports X-modem and CompuServe B protocols. $49.95
Commodore Business Machines, Inc.

ANSIEd
Create a full screen (22 lines, 80 characters) of Standard ANSI text / graphics in any mix of colors and styles. Fast menu bar provides access to color palette, normal, freehand, box filled / unfilled drawing modes, and text style / color status. Options to compress files, store icons, filter ANSI codes, and store IBM compatible format files. If you operate an Amiga BBS, regardless of the equipment, you should be using ANSIEd to create your ANSI displays. $20.00 *Second Sight*

Atredes BBS
Advanced bulletin board for the Amiga. Can use most standard drawing functions over the modem (including IFF brushes, freehand, line mode, boxes fill modes, flood fill, etc.). Program limited only by the size of your system. 255 access levels, full text parser, hot keys, personal file transfers, and support for the new SkyPix™ protocol. Includes Skypaint $149.99
Incognito Software

Atredes SkyPaint
Paint program allows the user to design complex graphics for real time modem display. Supports most standard drawing functions including IFF brush transfers and 4 bit-plane graphics.
$49.99 *Incognito Software*

Atredes Terminal
Powerful terminal with SkyPix support. On-line mouse/joystick control. Will receive IFF brushes, sound, and SkyPix functions, in real time over the modem. Supports most popular protocols.
$49.99 *Incognito Software*

Baud Bandit
User-friendly telecommunications software. Clipboard support, macros, programmable function keys and full ARexx support.
$49.95 *Progressive Peripherals & Software*

Calling All Amiga Owners

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There is an **All Points Bulletin** out for your ideas!

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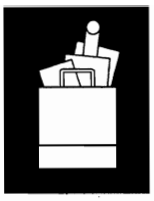


Miscellaneous Software

BBS-PC!
An electronic bulletin board system that gives the user full control over the menus and operation. Featuring sixteen user-definable sections, private e-mail and total data security, BBS-PC! is the standard. $149.95 *Micro-Systems Software, Inc.*

Custom - BBS!
BBS system for the Amiga with optional dating system, business questionnaire, and long file descriptions. $100.00 *Celestial Data Systems*

Dr. Term Pro
Powerful telecommunications software with main frame emulations and protocols.
$79.95 *Progressive Peripherals & Software*

LuCypher 1
Fast file encryption package with convenient WorkBench interface for general file security and telecommunications security. Employs rotor-simulation algorithm with 16-character key for high speed and solid cryptographic security. Upgradable to LyCypher 2. $49.95 ($2.00 shipping) *MegageM*

LuCypher 2
Complete RSA public key crytographic system based on prime numbers up to 300 digits long. Fast, efficient implementation for the Amiga. Ideal as key management upgrade to LyCypher 1. Includes LuCypher 1. For sale in the USA and Canada only. State of the art telecommunications security. $199.95 ($2.00 shipping) *MegageM*

Macro Modem
User-written macros, 20 telecommunication operations on function keys, shell for CLIs. FileFilter utility translates Amiga, MS-DOS, and Mac text files. $69.95 *Kent Engineering & Design*

MiddleMan
Fast and accurate VT100 emulation. Supports numeric keypad, graphics character set, local file printing, text file transfer, and more.
$59.95 *Benaiah Computer Products Inc.*

MiddleMan II
Tektronix 4105 color graphics terminal emulator. Supports four screen resolution modes, up to 32 colors, and VT100 emulation. $149.95
Benaiah Computer Products Inc.

Online Platinum Edition
Incorporates all the features listed under The Works! Telecommunications Module. Includes new Research and Development Division design named Sadie!, a two way file transfer and chat protocol that lets you download and upload simultaneously. $99.95 *Micro-Systems Software*

Paragon BBS-V2.0
Paragon is a very powerful BBS program offering everything a Sysop could want, featuring multi-line capability, a Z modem which supports resume and batch, on-line programs (doors), menu compilation, FidoNet networking, locked baud rates, and much more. $165.00
Inner Circle Software

ProtoCall
Fully-featured telecommunication package designed to utilize all the power of the Amiga.
$49.95 *Data Solutions*

SKEterm
Communication package with many features.
$49.95 *SKE Software Company*

TeleTutor
An interactive telecommunications tutorial. Learn everything you need to know about telecommunications in one comprehensive tutorial. Includes a terminal program and BBS listing to get you started. Has a simulated BBS to give you the feel of the real thing before logging on. $29.95
Micro Momentum, Inc.

term6312
Emulates the Concurrent (Perkin-Elmer) 6312, 1251, and 1200 terminals. All functions required by Reliance R08, MEDIT, and LEX are supported. It supports blinking, underlined, low intensity, and non-display fields. The status line, 32 function keys, and audible beep are available. Baud rates from 300 to 9,600 are supported. The auxiliary printer is supported. $150.00
Venn Software Ltd.

VTX On-Line
State of the art graphics communication program offers on-line help with pages referenced to the manual, scripting with automatic generation, clipboard compatible capture buffer, mouse or menu interface. Supports CompuServe GIF raster graphics with HAM mode support for 256 colors. Protocols include ASCII, Xmodem, Xmodem-1K, Ymodem, Kermit, and more. $79.95
Michtron

•TUTORIALS•

AmiKit
Introduction to the Workbench and CLI. The AmiKit includes hands-on step-by-step instructions, an informative book to start using Workbench and CLI. The CLI section of the book is divided into two chapters: Introduction to the CLI and the most useful, CLI Commands, which includes examples on the new 1.3 workbench. Also introduces the modem to access bulletin boards which offer free downloadable public domain software. Package also includes a list of books and magazines that are of interest to beginners and advanced users. Includes 3 disks—two public domain programs, and the latest official version of Workbench.
$39.95 *Vega Technologies*

DeluxeHelp for AmigaDOS
On-line interactive tutorial runs with AmigaDOS. Price unavailable. *RGB Video Creations*

Mastering CLI and the SHELL Interactive tutor. Allows user to type in commands with various options. Shows results and explains them in detail. New users will be using CLI from the start. Uses the common commands extensively to familiarize new user with CLI environment. Also includes The Assistant, a memory resident reference of 21 most commonly used commands to provide quick on-line help. New version: 2.5 features full AmigaDOS 1.3 and SHELL coverage. Over 250 pages of tutorials-interactive instruction. 1000 plus typed in examples, diagrams, numerous ready to run script files. Expanded on-line help, and examples. Hard disk installation routines, and more.
$39.95 *Graphic Expressions*

•WEATHER•

DataConnect
Provides telecommunications or satellite access to your choice of on-line weather data bases. Accu-Weather, WSI (Weather Services International) and weather Bank. DataConnect can download either satellite pictures, radar, or weather-related text. As the system accesses weather data from all of these sources, it simultaneously generates the desired weather graphics. All images are broadcast-quality. Medium and severe overscan are supported.
$495.00 *WeatherConnect, Inc.*

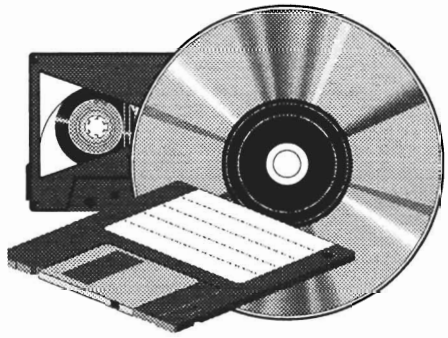
Station Manager Weather-Link
Lets the meteorologist download weather Accu-Weather's Accu-Graphics™. $295.00
ACS Software

The Weather Connection
Television weather graphics turnkey workstation, designed by meteorologists. Price unavailable. *WeatherConnect, Inc.*

•WEAVING•

Weave-It
Weaving program with 6 grid sizes, any 6 colors at one time, 12 harnesses, 14 treadles. Modify drawdown or design colors anytime. Change threading, tie-up or treadling anytime. Compatible with other Amiga graphics software. Saves in IFF format. $69.95 *Joyce I. Peck*

Weave-It Plus
All the features of Weave-It with the utility programs Fibre-Facts and Calculate-It. Both utility programs fully use the Amiga interface, do point and click calculations, convert standard measures to metric, and print calculations to any Amiga Preferences printer. $84.95
Joyce I. Peck



DRIVES

• EXTERNAL FLOPPY DRIVES •

Enhanced Twindrive
2 x 3.5 external floppies in one slimline case. On/off switch for each drive. Silent when diskettes removed. Low power. Whisper quiet operation. 12-month warranty. Pass-through connector. LED track display indicators for read and write activity. Virus protection hardware installed. Features are switch-deselectable.
$299.00 *Memory and Storage Technologies, Inc. M.A.S.T*
(please see display ad page 9)

3 1/2 Slimline Drive
3 1/2 floppy disk drive. Slimline design only 1-inch-high. Has 26-inch cable for easy positioning. Has throughport for connecting additional drives. $139.95 *Datel Computers*

A1010 3.5 Floppy
Your expanding business and personal needs demand extra versatility and increased productivity. Add the 1010 to your system as an additional external drive and enjoy increased storage. With the internal drive, the 1010 will support a business environment with greater capacity and fast back-up. $299.95
Commodore Business Machines, Inc.

A1020 5.25 External Drive
5.25 external floppy drive with 360K formatted capacity. When used with AmigaTransformer™, it also allows file copy from 5.25 to 3.5 format.
$399.95 *Commodore Business Machines, Inc.*

Air A1010
External 880K disk drive with on/off switch and pass-through. $199.00
Advanced Integration Research

CA-880
Features pass-through, power disable switch, low power consumption, and 880K capacity.
$229.95 *California Access*

CA-880 3.5 Floppy Disk Drive
Small, quiet disk drive supports all Amiga models, formats 3.5 double-sided, double-density diskettes for up to 880K of storage. Fully compatible with A1010 disk drives. Only 1.12-inches-high, low (1.5W) power consumption for read/write operation. Provides comprehensive protection for diskettes and includes high-precision stepper motor and low-friction steel belt for quiet operation. $229.95
Logical Design Works, Inc.

Enhanced Unidrive
3.5 external floppy drive, on-off switch, low power consumption, whisper quiet operation, does not click when diskette is removed. 12-month warranty. Upgradable to Enhanced Twindrive. Has LED track display for read and write activity. Has virus protection hardware installed. Features are switch-deselectable. Pass-through connector. $179.00 *Memory and Storage Technology, Inc. M.A.S.T*
(please see display ad page 9)

Ext. 3.5 Drive
Introducing the new external 3.5 drive, fully compatible with the A500 and A2000.
$125.00 *Kinson Products Corporation*

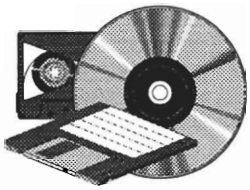
Master 3A
Amiga-compatible floppy disk drive, fully compatible with all Amiga computers. Smaller and slimmer than the 1010, full 1-year warranty, double-sided/double density 880K formatted capacity. $189.00 *Ocean America*

Master-3A
100% Amiga-compatible, 3.5 disk drive. Extremely quiet operation, double-sided/double density 1 MB capacity. Durable metal case eliminates radio frequency interference and drive noise. Pass-through connector lets you easily add additional drives. 28 shielded input cable, spring loaded door, smaller slimmer design (4 x 1 1/4 x 9). Consumes less power.
$134.00 *Konyo International, Inc.*

PFD-135E
3.5 880K external floppy drive for all Amigas. Features low power drive with pass-through, 800K formatted per drive, 512 bytes per sector, 256 logical bytes per sector, 80 cylinders per diskette. $229.00 *Phoenix Electronics, Inc.*

Single Drive
Compact, low-wattage single external drive with pass-through. With 24-inch cable.
$139.99 *Comp-U-Save*

The Master-3A
Significantly smaller and slimmer than the 1010, The Master 3A comes with a 27-inch cable and is



Drives

covered by a 1-year warranty. Low power consumption and a pass-through allow daisy chaining of the drives. $159.00
Surfside Components International

TwinDrive
2 x 3.5 external floppies in one slimline case. On/off switch for each drive. Silent when diskettes removed. Low power. Whisper quiet operation. 12-month warranty. Pass-through connector. Upgradable to Enhanced Twindrive.
$269.00 *Memory and Storage Technology, Inc. M.A.S.T.*
(please see display ad page 9)

UniDrive
3.5 external floppy drive, on-off switch, low power consumption, whisper quiet operation, does not click when diskette is removed. 12-month warranty. Upgradable to Enhanced Unidrive or Twindrive. $139.00
Memory and Storage Technology, Inc. M.A.S.T.
(please see display ad page 9)

•INTERNAL FLOPPY DRIVES•

A2010 3.5 Internal Floppy
3.5 horizontal floppy, no external power supply. Maximum transfer rate of 250 K/sec.; reads an entire track at one time; supports fast data transfer rates. MFW read/write format, 880K storage capacity, double-sided/double density; formatted in 160 tracks with eleven 512 byte sectors each. Power supplied by the A2000 computer system. $199.95
Commodore Business Machines, Inc.

Air A2010
Internal 880K disk drive for A2000 series. Includes instructions and mounting hardware.
$150.00 *Advanced Integration Research*

Dual 3.5 Drive
Includes power light, circuit breaker, more. Optional internal power supply.
$345.00; with internal power supply, $395.00
Comp-U-Save

Internal 3.5Disk Drive for A2000
Faster internal 3.5 drive. Dealer installation recommended. $149.95 *Studio 7*

Internal A2000 Drive
Features the same high-quality Fujitsu drive as Unidrive. Also includes our proprietary no-click logic to prevent the annoying click that occurs when a diskette is removed. Other features include low power, A2000 size bezel and a limited 12-month warranty. $115.00
Memory And Storage Technology, Inc. M.A.S.T
(please see display ad page 9)

PFD-135I
3.5 880K internal floppy drive for the A2000.
$149.95 *Phoenix Electronics, Inc.*

ProDrive 2000
Internal disk drive for the A2000.
$129.95 *Progressive Peripherals & Software*

•FLOPPY DRIVE ACCESSORIES•

ECE Alignment Kit
Aligns Amiga 3.5 disk drives. Uses Analog Alignment Disk. ECE program disk contains graphic representations of signals on the Alignment disk. Includes board and cable, manual, more. Uses mouse or keyboard. (Function key template included.)
$175.00 *ECE Research & Development*

•HARD DRIVES/Drives Only•

ESDI Model 1350
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1350. Capacity 85-170 MB 23 m/sec.
$1490.00-1690.00 *Micropolis Corporation*

ESDI Model 1558-15
Compatible with the Commodore.host/controller, C-LTD host/controller, and others. Model 1558-15. Capacity 382 MB, 18 m/sec.
$2820.00 *Micropolis Corporation*

ESDI Model 1650
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1650. Capacity 104-182 MB, 16 m/sec.
$1695.00 *Micropolis Corporation*

Quantum 100S
A Quantum Prodrive, 100 MB, AT-type drive. 19/11ms. $1199 *Great Valley Products*

Quantum 40S/40AT
A Quantum Prodrive, 40 MB, AT-type drive. 19/11ms. $599 *Great Valley Products*

Quantum 80S/80AT
A Quantum Prodrive, 80 MB, AT-type drive. 19/11ms. $1049 *Great Valley Products*

SCSI Model 1370
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1370. Capacity 85-170MB, 23 m/sec.
$1670.00-1875.00 *Micropolis Corporation*

SCSI Model 1578-15
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1578-15. Capacity 382 MB, 18 m/sec
$2820.00 *Micropolis Corporation*

SCSI Model 1670
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1670. Capacity 104-182 MB, 16 m/sec.
$1695.00 *Micropolis Corporation*

SD 20
20 MB hard disk drive for the Amiga. $1399 Canadian *Comspec Communications, Inc.*

SD 40
40 MB hard disk drive for the Amiga. $1765 Canadian *Comspec Communications, Inc.*

SD 60
60 MB hard disk drive for the Amiga. $1825 Canadian *Comspec Communications, Inc.*

SSD 20
The SSD 20 is an external hard drive subsystem utilizing the SSD chassis and a 20 MB 5.25 half height drive featuring 65 m/sec. average access time. Shipped with all necessary cables, fully formatted and tested. SCSI host adaptor required. (SA500, SA1000, or SA2000 recommended)
$1,437.00 *CDN Comspec Communications, Inc.*

SSD 40
The SSD 40 is an external hard drive subsystem utilizing the SSD chassis and a 40MB 5.25 half height drive featuring 65 m/sec. average access time. Shipped with all necessary cables, fully formatted and tested. SCSI host adaptor required. (SA500, SA1000, or SA2000 recommended)
$1,735.00 *CDN Comspec Communications, Inc.*

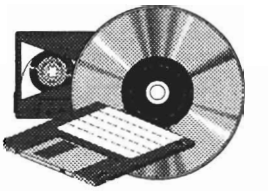
ST-506 Model 1320
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1320. Capacity 42-85 MB, 28 m/sec.
$799.00-1180.00 *Micropolis Corporation*

ST125N-0
An ST125N 3.5-inch hard drive. 20 MB/40ms.
$395 *Great Valley Products*

ST138N-1
An ST138N 3.5-inch hard drive. 30 MB/28ms.
$449 *Great Valley Products*

ST157N-1
An ST157N 3.5-inch hard drive. 46 MB/28ms.
$499 *Great Valley Products*

Drives



•HARD DRIVES/Complete•

DHA-20
20 megabyte fast DMA internal hard drive.
$595.00 *Computer Systems Associates*

DHA-40
40 megabyte fast DMA internal hard drive.
$795.00 *Computer Systems Associates*

DHA-80
80 megabyte fast DMA internal hard drive.
$1,095.00 *Computer Systems Associates*

FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 7 additional SCSI drives. 30 meg RLL: $621.00 *Pre'spect Technics, Inc.*

FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 7 additional SCSI drives. 20 meg MFM: $525.00 *Pre'spect Technics, Inc.*

FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 7 additional SCSI drives. 63 meg RLL: $942.00 *Pre'spect Technics, Inc.*

FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 7 additional SCSI drives. 40 meg RLL: $730.00 *Pre'spect Technics, Inc.*

FIP 20
DMA hard drive sytem for the A1000. Custom silicon provides 1 to 1 sector interleaving, on-board sector buffers, and a highly optimized instruction set. The system can control up to 4 ST 506/412 drives. FCC Class B approved.
$995.00 *Mills Industries, Inc.*

Hard Drive 20Mb+
Hard drives for the Amiga with memory expansion slot. 20MB and up. 20MB with expansion. $695.00 *Comp-U-Save*

PHC-2000
Hard card-type SCSI for the A2000. 40MB.
$699.00 *Phoenix Electronics, Inc.*

PHC-2000
Hard card-type SCSI for the A2000. 20MB.
$499.00 *Phoenix Electronics, Inc.*

BRIDGEBOARD USERS!

Don't waste money, slots, or desk space buying extra IBM-compatible or Amiga floppy drives! The **Bridge Drive Commander +** gives you direct access to all your internal and external Amiga drives from the Bridgeboard, and direct access to IBM type 360K and 720K drives from AmigaDOS. **Bridge Drive Commander +** is totally transparent and automatic. Put an IBM type disk in any drive and use it just like on any IBM compatible! Put in an Amiga disk and return to Amiga use! Just that simple, just that fast! One drive can use Amiga disks at the same time another is using IBM-compatible disks. Disks are completely usable by other Amiga and IBM-compatible computers. All hardware, no software drivers to load, no precious memory or expansion slots used up. Plugs onto motherboard at internal drive connector. (No soldering or wiring changes.) Compatible with all Bridgeboards (8088, 80286), SideCar, all accelerator boards (any 680x0), hard disks and other hardware and software.

Bridge Drive Commander + ... $ 97.50

MJ SYSTEMS
Dept 10A, 1222 Brookwood Road, Madison, WI 53711

1-800-448-4564
(24 hours MasterCard/VISA)
Product names are trademarks of their respective companies.

Circle 136 on Reader Service card.

PHC-2000
Hard card-type SCSI for the A2000. 30MB.
$599.00 *Phoenix Electronics, Inc.*

PHD 20
20MB hard drive for the A500 and A1000. With SCSI interface, 3.5 form factor, internal power supply. PHD 20. $624.00
Phoenix Electronics, Inc.

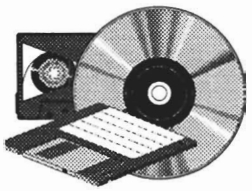
PHD 40
40MB hard drive for the A500 and A1000. With SCSI interface, 3.5 form factor, internal power supply. PHD 40. $900.00
Phoenix Electronics, Inc.

PHD-1000
Hard disk drive features SCSI interface command set, pass-through, auto configuration, internal power supply with capability for RAM card additions. Pre-formatted drive with demo and public domain software. Data transfer at 4MB/sec, average access time 35 milliseconds. Circuit breaker and on/off switch. Benchmark results available. 20 MB. $899.00
Phoenix Electronics, Inc.

PHD-1000
Hard disk drive features SCSI interface command set, pass-through, auto configuration, internal power supply with capability for RAM card additions. Pre-formatted drive with demo and public domain software. Data transfer at 4 MB/sec, average access time 35 milliseconds. Circuit breaker and on/off switch. Benchmark results available. 40MB. $1,400.00
Phoenix Electronics, Inc.

PHD-1000
Hard disk drive features SCSI interface command set, pass-through, auto configuration, internal power supply with capability for RAM card additions. Pre-formatted drive with demo and public domain software. Data transfer at 4 MB/sec, average access time 35 milliseconds. Circuit breaker and on/off switch. Benchmark results available. 60MB. $1,500.00
Phoenix Electronics, Inc.

Tiny Tiger 30Meg
40ms external 30Meg hard drive for the entire Amiga family. Connected via the parallel interface, this drive offers a transfer rate of 500K



Drives

per second. Every drive is shipped with Ultra DOS™ by Free Spirit Software, Inc. 12-month warranty. $599.00 *Memory And Storage Technology, Inc. M.A.S.T.*
(please see display ad page 9)

Tiny Tiger 90Meg
18ms external 90Meg hard drive for the entire Amiga family. Connected via the parallel interface, this drive offers a transfer rate of 500K per second. Every drive is shipped with Ultra DOS™ by Free Spirit Software, Inc. 18-month warranty. $1,199.00 *Memory And Storage Technology, Inc. M.A.S.T.*
(please see display ad page 9)

ToolBox 32MB
Hard drive uses the ToolBox A2000 hard drive interface with ST138N Seagate drive.
$749.95 *Expansion Technologies*

ToolBox 48MB
Hard drive uses the ToolBox A2000 hard drive interface with ST157N Seagate drive.
$799.95 *Expansion Technologies*

Vault HardDrives
20, 30, 40 and 65 MB hard drives for the A500 and A1000. Intelligent cable interface allows use on either A500 or A1000. $599.95 for 20 MB version
Progressive Peripherals & Software

•HARD DRIVES/Complete/with Autoboot Capability•

(Items listed here are autoboot capable, in some cases this may be optional— please check with manufacturer)

FileRunner™ Box
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a flat case which fits under the monitor. Each case can accomodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 63 meg: $880.00, Autoboot:$978.00
Pre'spect Technics, Inc.

FileRunner™ Box
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a flat case which fits under the monitor. Each case can accomodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 42 meg: $720.00, Autoboot:$810.00
Pre'spect Technics, Inc.

FileRunner™ Box
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a flat case which fits under the monitor. Each case can accomodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 82meg: $1415.00, Autoboot:$1505.00
Pre'spect Technics, Inc.

FileRunner™ Box
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a flat case which fits under the monitor. Each case can accomodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 124 meg: $1568.00, Autoboot:$1657.00 *Pre'spect Technics, Inc.*

FileRunner™ Box
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a flat case which fits under the monitor. Each case can accomodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 32 meg: $678.00, Autoboot:$768.00
Pre'spect Technics, Inc.

FileRunner™ Box/Heavy Duty
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a heavy-duty case with fan. The fan allows the system to run for months without interruption. Each case can accomodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 82 meg: $1425.00, Autoboot:$1525.00
Pre'spect Technics, Inc.

FileRunner™ Box/Heavy Duty
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a heavy-duty case with fan. The fan allows the system to run for months without interruption. Each case can accomodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 63 meg: $900.00, Autoboot:$998.00
Pre'spect Technics, Inc.

FileRunner™ Box/Heavy Duty
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a heavy-duty case with fan. The fan allows the system to run for months without interruption. Each case can accomodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 124 meg: $1588.00, Autoboot:$1677.00 *Pre'spect Technics, Inc.*

FileRunner™ Box/Heavy Duty
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a heavy-duty case with fan. The fan allows the system to run for months without interruption. Each case can accomodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 42 meg: $740.00, Autoboot:$830.00
Pre'spect Technics, Inc.

FileRunner™ Box/Heavy Duty
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a heavy-duty case with fan. The fan allows the system to run for months without interruption. Each case can accomodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 32 meg: $698.00, Autoboot:$788.00
Pre'spect Technics, Inc.

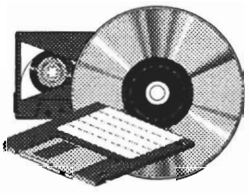
FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 7 additional SCSI drives. Autobooting.
40meg RLL: $889.00 *Pre'spect Technics, Inc.*

FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 6 additional SCSI drives. Autobooting.
40meg SCSI (Quantum drive): $1057.00
Pre'spect Technics, Inc.

FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 7 additional SCSI drives. Autobooting.
30meg RLL: $730.00 *Pre'spect Technics, Inc.*

FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 6 additional SCSI drives. Autobooting.
135meg SCSI: $1657.00*Pre'spect Technics, Inc.*

Drives



FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 7 additional SCSI drives. Autobooting.
180meg SCSI: $1889.00
Pre'spect Technics, Inc.

FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 7 additional SCSI drives. Autobooting.
63meg RLL: $994.00 *Pre'spect Technics, Inc.*

FileRunner™ Card
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 6 additional SCSI drives. Autobooting.
90meg SCSI: $1380.00
Pre'spect Technics, Inc.

FastCard Jr.
Card features Xetec's DMAx™hardware, autoboot ROM, autoconfig circuitry. Macintosh-compatible 25-pin SCSI external connector, internal 50-pin SCSI connector. FasTrak disk with utilities manual and Seagate 125N.$599.95
Xetec, Inc.
(please see display ad page 25)

FastCard Q40
Same as FastCard Jr. except drive is a Quantum ProDrive 40S with 19 ms access. 42 Meg formatted capacity, and 64 cache buffer. Order# FC20-040 $999.95 *Xetec, Inc.*
(please see display ad page 25)

FastCard Q80
Same as FastCard Q40 except drive is a Quantum ProDrive 80S with 19 ms access. 84 Meg formatted capacity, and 64 cache buffer. Order# FC20-080 $1,399.95 *Xetec, Inc.*
(please see display ad page 25)

FastTrak Jr.
System is the same as A500 except the Host Adaptor is model SA-10. For the A1000. Order# FT10-020 $699.95 *Xetec, Inc.*
(please see display ad page 25)

FastTrak Jr.
This system includes SA-5 SCSI Host Adaptor with autoboot ROM. SH-20 enclosure. Seagate 125N drive with manual. FastTrak disk with utilities and shielded SCSI cable. Order #FT5-020 $699.95 *Xetec, Inc.*
(please see display ad page 25)

FastTrak M150
System is the same as A500 except the Host Adaptor is model SA-10. Order #FT10-150 $2,099.95 *Xetec, Inc.*
(please see display ad page 25)

FastTrak Q40
This system includes SA-5 SCSI Host Adaptor with autoboot ROM. SH-40 enclosure with fan. Quantum ProDrive 40S with 19 ms access and 42 Meg formatted capacity plus 64K cache buffer, manual, FasTrack disk with utilities and shielded SCSI cable. For the A500. Order #FT5-040 $1,099.95 *Xetec, Inc.*
(please see display ad page 25)

FastTrak Q40
System is the same as A500 except the Host Adaptor is model SA-10. For the A1000. Order #FT10-040$1,099.95 *Xetec, Inc.*
(please see display ad page 25)

FastTrak Q80
This system is the same as Q40 except drive is a Quantum ProDrive 80S with 19 ms access and 84 Meg formatted capacity plus 64K cache buffer. For the A500. Order #FT5-080 $1,499.95 *Xetec, Inc.*
(please see display ad page 25)

FastTrak Q80
System is the same as A500 except the Host Adaptor is model SA-10. For the A1000. Order #FT10-080$1,499.95 *Xetec, Inc.*
(please see display ad page 25)

Fireball 136meg
A2000 SCSI Controller and 136MB Drive. True DMA. Burst mode, shared mode, throttle mode, high-speed sustained data transfer rates. Autoboot may be switch deselected. Compatible with overscan mode. 136MB hard drive is super fast and has 64K RAM cache. Optional 1 to 5 year warranty. $1,509.00 *Memory and Storage Technology, Inc. M.A.S.T*
(please see display ad page 9)

Fireball 182meg
A2000 SCSI Controller and 182MB Hard Drive. True DMA. Burst mode, shared mode, throttle mode, high-speed sustained data transfer rates. Autoboot may be switch deselected. Compatible with overscan. Drive is super fast with 64K RAM cache. Optional 1 to 5 year warranty.
$1,759.00 *Memory and Storage Technology, Inc. M.A.S.T*
(please see display ad page 9)

Fireball 30meg
A hard drive on a card, for the A2000, features SCSI interface and drive, True DMA, and autoboot. Fireball is very fast, low cost and allows 50-pin SCSI pass-through.
$609.00 *Memory and Storage Technology, Inc. M.A.S.T*
(please see display ad page 9)

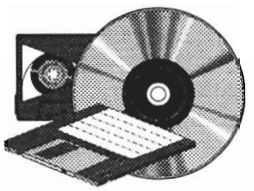
Fireball 45Meg
A2000 SCSI Controller. True DMA. Burst mode, shared mode, throttle mode. High speed sustained data transfer rates. Autoboot. May be switch deselected. Compatible with overscan mode. Hard drive is super fast, has 64K RAM cache and optional 1 to 5 year warranty.
$739.00 *Memory and Storage technology, Inc. M.A.S.T.*
(please see display ad page 9)

Fireball 90meg
A2000 SCSI Controller. True DMA. Burst mode, shared mode, throttle mode, high-speed sustained data transfer rates. Autoboot may be switch deselected. Compatible with overscan mode. 90MB Hard Drive is super fast and has 64K RAM cache. Optional 1 to 5 year warranty.
$1,209.00 *Memory and Storage Technology, Inc. M.A.S.T*
(please see display ad page 9)

Hard Card 2000
New low-priced Imtronics 32 MB hard card for all A2000 models. Just like the A500 hard drives from Imtronics, the Hard Card 2000 combines performance with technical design, which prevents you from any DMA trouble. Capable of full autoboot under Kickstart 1.3, the HC 2000 comes to you tested and formatted.
$649.00 *Imtronics, Inc.*

Hard Disk Plus-20
Hard disk for the A500, includes SCSI host/ controller, 20MB hard drive. Supports up to 14 drives. Optional 2MB RAM expansion available. Supports auto-boot, fast filing system, and includes hard disk utilities including partition and backup programs. $749.95
Synergy Peripheral Systems

Hard Disk Plus-30
Hard disk drive for A500, includes SCSI host/ controller. 30MB hard drive. Supports up to 14 drives. Optional 2MB RAM expansion available. Supports autoboot, fast filing system and includes hard disk utilities including partition and backup programs. $899.95
Synergy Peripheral Systems



Drives

Hard Drive 500
A brand new fast, but low-priced, hard disk solution for the A500. Totally autobooting under Kickstart 1.3 from a Fast File System partition, it offers you 32 MB of storage capacity at a reasonable price. The full metal case is nicely Amiga-shaped and colored. The HD 500 prevents you from any DMA trouble and comes fully tested and formatted. $698.00
Imtronics, Inc.

Impact A2000-HC/100Q
Amiga 2000 Hard-Card 100Q is an autobooting, DMA controller, SCSI hard card. Comes with 100 MB Quantum SCSI (19/11ms avg. access) drive premounted on card. $1199.00
Great Valley Products

Impact A2000-HC/20
Amiga 2000 Hard-Card 20 is an autobooting, DMA controller, SCSI hard card. Comes with 20 MB drive premounted on card.
$599.00 *Great Valley Products*

Impact A2000-HC/30
Amiga 2000 Hard-Card 30 is an autobooting, DMA controller, SCSI hard card. Comes with 30 MB drive premounted on card.
$605.00 *Great Valley Products*

Impact A2000-HC/40Q
Amiga 2000 Hard-Card 40Q is an autobooting, DMA controller, SCSI hard card. Comes with 40 MB Quantum SCSI (19/11ms avg. access) drive premounted on card. $749.00
Great Valley Products

Impact A2000-HC/45
Amiga 2000 Hard-Card 45 is an autobooting, DMA controller, SCSI hard card. Comes with 45 MB drive premounted on card.
$699.00 *Great Valley Products*

Impact A2000-HC/80Q
Amiga 2000 Hard-Card 80Q is an autobooting, DMA controller, SCSI hard card. Comes with 80 MB Quantum SCSI (19/11ms avg. access) drive premounted on card. $1099.00
Great Valley Products

OverDrive 100
Autoboot DMA (Direct Memory Access) SCSI hard card. Up to 7 devices may be attached. Automatic installation software provided. All cables and mounting hardware included. 100 megabyte hard card system. $1,199.00
Pacific Peripherals

OverDrive 130
Autoboot DMA (Direct Memory Access) SCSI hard card. Up to 7 devices may be attached. Automatic installation software provided. All cables and mounting hardware included. 130 megabyte system. Requires use of drive bay. $1,249.00 *Pacific Peripherals*

OverDrive 20
Autoboot DMA (Direct Memory Access) SCSI hard card. Up to 7 devices may be attached. Automatic installation software provided. All cables and mounting hardware included. 20 megabyte hard card system. $575.00
Pacific Peripherals

OverDrive 32
Autoboot DMA (Direct Memory Access) SCSI hard card. Up to 7 devices may be attached. Automatic installation software provided. All cables and mounting hardware included. 32 megabyte hard card system. $619.00
Pacific Peripherals

OverDrive 47
Autoboot DMA (Direct Memory Access) SCSI hard card. Up to 7 devices may be attached. Automatic installation software provided. All cables and mounting hardware included. 47 megabyte hard card system. $649.00
Pacific Peripherals

OverDrive 62
Autoboot DMA (Direct Memory Access) SCSI hard card. Up to 7 devices may be attached. Automatic installation software provided. All cables and mounting hardware included. 62 megabyte system. Requires use of drive bay.
$749.00 *Pacific Peripherals*

OverDrive 82
Autoboot DMA (Direct Memory Access) SCSI hard card. Up to 7 devices may be attached. Automatic installation software provided. All cables and mounting hardware included. 82 megabyte system. Requires use of drive bay.
$849.00 *Pacific Peripherals*

Supra Drive for A1000
Hard disk drive includes SCSI expansion port, CLImate, complete utility software for formatting drive and editing low-level system info. Compatible with RAM, digitizers and most boards. Includes Supra SCSI interface, Amiga bus pass-through, battery backed-up clock and a clear, thorough manual of hard disk hints and tips. 40MB Quantum: $949.00
Supra Corporation
(Please see display ad rear cover)

Supra Drive for A1000
Hard disk drive includes SCSI expansion port, CLImate, complete utility software for formatting drive and editing low-level system info. Compatible with RAM, digitizers and most boards. Includes Supra SCSI interface, Amiga bus pass-through, battery backed-up clock and a clear, thorough manual of hard disk hints and tips. 20MB: $599.00
Supra Corporation
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Hard disk drive includes SCSI expansion port, CLImate, complete utility software for formatting drive and editing low-level system info. Compatible with RAM, digitizers and most boards. Includes Supra SCSI interface, Amiga bus pass-through, battery backed-up clock and a clear, thorough manual of hard disk hints and tips. 30MB: $849.00
Supra Corporation
(Please see display ad rear cover)

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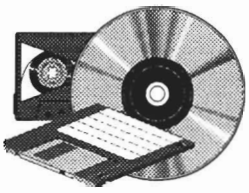
Hard disk drive includes SCSI expansion port, CLImate, complete utility software for formatting drive and editing low-level system info. Compatible with RAM, digitizers and most boards. Includes Supra SCSI interface, Amiga bus pass-through, battery backed-up clock and a clear, thorough manual of hard disk hints and tips. 80MB Quantum: $1,249.00
Supra Corporation
(Please see display ad rear cover)

Supra Drive for A2000
Hard card includes WordSync™ interface, autoboot ROM, SCSI expansion port, CLImate, complete utility software for formatting drive and editing low-level system info. Autoboots from FFS partitions. Compatible with Bridgeboard™ and most other boards. Supports up to 30 partitions including MS-DOS partitions (with Bridgeboard). Includes clear, thorough manual of hard disk hints and tips. 105MB Quantum ProDrive: $1,249.00.
Supra Corporation
(Please see display ad rear cover)

Supra Drive for A2000
Hard card includes WordSync™ interface, autoboot ROM, SCSI expansion port, CLImate, complete utility software for formatting drive and editing low-level system info. Autoboots from FFS partitions. Compatible with Bridgeboard™ and most other boards. Supports up to 30 partitions including MS-DOS partitions (with Bridgeboard). Includes clear, thorough manual of hard disk hints and tips. 80MB Quantum ProDrive: $1,049.00 *Supra Corporation*

Supra Drive for A2000
Hard card includes WordSync™ interface, autoboot ROM, SCSI expansion port, CLImate, complete utility software for formatting drive and editing low-level system info. Autoboots from FFS partitions. Compatible with Bridgeboard™ and most other boards. Supports up to 30 partitions including MS-DOS partitions (with

Drives



Bridgeboard). Includes clear, thorough manual of hard disk hints and tips. 30MB: $649.00 *Supra Corporation*
(Please see display ad rear cover)

Supra Drive for A2000
Hard card includes WordSync™ interface, autoboot ROM, SCSI expansion port, CLImate, complete utility software for formatting drive and editing low-level system info. Autoboots from FFS partitions. Compatible with Bridgeboard™ and most other boards. Supports up to 30 partitions including MS-DOS partitions (with Bridgeboard). Includes clear, thorough manual of hard disk hints and tips. 40MB Quantum oDrive: $749.00 *Supra Corporation*
(Please see display ad rear cover)

Supra Drive for A500
Hard disk drive includes complete utility software for formatting drive and editing low-level system info., SCSI expansion port, Amiga bus pass-through, RAM expansion, autoboot ROM, and CLImate. Autoboots from FFS partitions. Compatible with RAM, digitizers, and most boards. Supports up to 30 partitions. Includes Supra SCSI interface with ByteSync™ and a clear, thorough manual of hard disk hints and tips. 20MB: $499.00
Supra Corporation
(Please see display ad rear cover)

Supra Drive for A500
Hard disk drive includes complete utility software for formatting drive and editing low-level system info., SCSI expansion port, Amiga bus pass-through, RAM expansion, autoboot ROM, and CLImate. Autoboots from FFS partitions. Compatible with RAM, digitizers, and most boards. Supports up to 30 partitions. Includes Supra SCSI interface with ByteSync™ and a clear, thorough manual of hard disk hints and tips. 30MB: $699.00
Supra Corporation
(Please see display ad rear cover)

Supra Drive for A500
Hard disk drive includes complete utility software for formatting drive and editing low-level system info., SCSI expansion port, Amiga bus pass-through, RAM expansion, autoboot ROM, and CLImate. Autoboots from FFS partitions. Compatible with RAM, digitizers, and most boards. Supports up to 30 partitions. Includes Supra SCSI interface with ByteSync™ and a clear, thorough manual of hard disk hints and tips. 40MB Quantum: $849.00
Supra Corporation
(Please see display ad rear cover)

Supra Drive for A500
Hard disk drive includes complete utility software for formatting drive and editing low-level system info., SCSI expansion port, Amiga bus pass-through, RAM expansion, autoboot ROM, and CLImate. Autoboots from FFS partitions. Compatible with RAM, digitizers, and most boards. Supports up to 30 partitions. Includes Supra SCSI interface with ByteSync™ and a clear, thorough manual of hard disk hints and tips. 60MB: $995.00
Supra Corporation
(Please see display ad rear cover)

Supra Drive for A500
Hard disk drive includes complete utility software for formatting drive and editing low-level system info., SCSI expansion port, Amiga bus pass-through, RAM expansion, autoboot ROM, and CLImate. Autoboots from FFS partitions. Compatible with RAM, digitizers, and most boards. Supports up to 30 partitions. Includes Supra SCSI interface with ByteSync™ and a clear, thorough manual of hard disk hints and tips. 80MB Quantum: $1,149.00 *Supra Corporation*
(Please see display ad rear cover)

Synergy 134
Autobooting SCSI controller and drive for the A500. Includes automatic installation software and utility to back up hard drive to floppy in AmigaDOS format. Use up to 7 SCSI drives or 14 ST506 drives with Adaptec controllers. Low profile injection molded plastic case with power and drive access LED's on front panel. Drive may be placed several feet away from computer. RAM expansion optional. Complete 134 megabyte system. $1,449.00 *Pacific Peripherals*

Synergy 162
Autobooting SCSI controller and drive for the A500. Includes automatic installation software and utility to back up hard drive to floppy in AmigaDOS format. Use up to 7 SCSI drives or 14 ST506 drives with Adaptec controllers. Low profile injection molded plastic case with power and drive access LED's on front panel. Drive may be placed several feet away from computer. RAM expansion optional. Complete 162 megabyte system. $1,599.00 *Pacific Peripherals*

Synergy 20
Autobooting SCSI controller and drive for the A500. Includes automatic installation software and utility to back up hard drive to floppy in AmigaDOS format. Use up to 7 SCSI drives or 14 ST506 drives with Adaptec controllers. Low profile injection molded plastic case with power and drive access LED's on front panel. Drive may be placed several feet away from computer. RAM expansion optional. Complete 20 megabyte system. $679.00 *Pacific Peripherals*

Synergy 32
Autobooting SCSI controller and drive for the A500. Includes automatic installation software and utility to back up hard drive to floppy in AmigaDOS format. Use up to 7 SCSI drives or 14 ST506 drives with Adaptec controllers. Low profile injection molded plastic case with power and drive access LED's on front panel. Drive may be placed several feet away from computer. RAM expansion optional. Complete 32 megabyte system. $749.00 *Pacific Peripherals*

Synergy 47
Autobooting SCSI controller and drive for the A500. Includes automatic installation software and utility to back up hard drive to floppy in AmigaDOS format. Use up to 7 SCSI drives or 14 ST506 drives with Adaptec controllers. Low profile injection molded plastic case with power and drive access LED's on front panel. Drive may be placed several feet away from computer. RAM expansion optional. Complete 47 megabyte system. $799.00 *Pacific Peripherals*

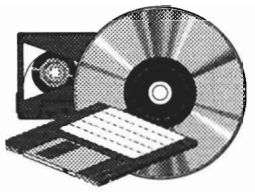
Synergy 62
Autobooting SCSI controller and drive for the A500. Includes automatic installation software and utility to back up hard drive to floppy in AmigaDOS format. Use up to 7 SCSI drives or 14 ST506 drives with Adaptec controllers. Low profile injection molded plastic case with power and drive access LED's on front panel. Drive may be placed several feet away from computer. RAM expansion optional. Complete 62 megabyte system. $899.00 *Pacific Peripherals*

Synergy 82
Autobooting SCSI controller and drive for the A500. Includes automatic installation software and utility to back up hard drive to floppy in AmigaDOS format. Use up to 7 SCSI drives or 14 ST506 drives with Adaptec controllers. Low profile injection molded plastic case with power and drive access LED's on front panel. Drive may be placed several feet away from computer. RAM expansion optional. Complete 82 megabyte system. $999.00 *Pacific Peripherals*

•HARD DRIVES/Complete/with Autoboot Capability/Expansion Memory Capable•

(Items listed here are autoboot capable, in some cases this may be optional—please check with manufacturer)

Hard Disk Plus
Custom hard disk drive for A500, includes host/controller, custom installation and checkout of a customer requested hard drive. Supports up to 14 drives. Optional 1 MB RAM expansion available. Supports autoboot, fast filing system and includes hard disk. Price determined by size.
Synergy Peripheral Systems



Drives

Hard Drive 4000
The HD 4000 is the only A500 hard drive that allows you to have up to 4 MB of RAM and 32 MB of hard disk capacity in a single slim-line, Amiga-shaped case. As all Imtronics drives, it is fully autobooting from a FFS partition when Kickstart 1.3 is used. It also offers you the possibility of upgrading to 8 MB of RAM internally.
$849.00 *Imtronics, Inc.*

Impact A2000-8/0 Prodrive 40S bundle
For the Amiga 2XXX series. An autobooting SCSI/RAM controller—can control up to 7 SCSI devices. Comes with 0K, can be configured up to 8K RAM (1MB x 8 SIMM modules 120ns). Comes bundled with a Quantum 40 MB/19ms hard drive. $849.00 *Great Valley Products*

Impact A2000-8/0 Prodrive 80S bundle
For the Amiga 2XXX series. An autobooting SCSI/RAM controller—can control up to 7 SCSI devices. Comes with 0K, can be configured up to 8K RAM (1MB x 8 SIMM modules 120ns). Comes bundled with a Quantum 80 MB/19ms hard drive. $1199.00 *Great Valley Products*

Impact A2000-8/0 Prodrive 100S bundle
For the Amiga 2XXX series. An autobooting SCSI/RAM controller—can control up to 7 SCSI devices. Comes with 0K, can be configured up to 8K RAM (1MB x 8 SIMM modules 120ns). Comes bundled with a Quantum 100 MB/19ms hard drive. $1249.00 *Great Valley Products*

Impact A2000-8/0 ST138N bundle
For the Amiga 2XXX series. An autobooting SCSI/RAM controller—can control up to 7 SCSI devices. Comes with 0K, can be configured up to 8K RAM (1MB x 8 SIMM modules 120ns). Comes bundled with an ST 138N 30 MB/28 ms hard drive. $749.00 *Great Valley Products*

Impact A2000-8/0 ST157N bundle
For the Amiga 2XXX series. An autobooting SCSI/RAM controller—can control up to 7 SCSI devices. Comes with 0K, can be configured up to 8K RAM (1MB x 8 SIMM modules 120ns). Comes bundled with an ST 157N 46MB/28 ms hard drive. $799.00 *Great Valley Products*

Impact A2000-HC2-0/100Q
The Impact Hard Card Plus 0/100Q consists of a SCSI autoboot hard drive controller card with an 100 MB Quantum (19/11ms), 3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K.
$1299.00 *Great Valley Products*

Impact A2000-HC2-0/20
The Impact Hard Card Plus 0/20 consists of a SCSI autoboot hard drive controller card with a 20 MB, 3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K. $659.00 *Great Valley Products*

Impact A2000-HC2-0/30
The Impact Hard Card Plus 0/30 consists of a SCSI autoboot hard drive controller card with a 30 MB,3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K. $739.00 *Great Valley Products*

Impact A2000-HC2-0/40Q
The Impact Hard Card Plus 0/40Q consists of a SCSI autoboot hard drive controller card with a 40 MB Quantum (19/11ms), 3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K.
$829.00 *Great Valley Products*

Impact A2000-HC2-0/45
The Impact Hard Card Plus 0/45 consists of a SCSI autoboot hard drive controller card with a 45 MB, 3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K. $799.00 *Great Valley Products*

Impact A2000-HC2-0/80Q
The Impact Hard Card Plus 0/80Q consists of a SCSI autoboot hard drive controller card with an 80 MB Quantum (19/11ms), 3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K.
$1199.00 *Great Valley Products*

Impact A500-HD100Q/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD100Q/RAM comes with a 100 MB Quantum drive.
$1549.00 *Great Valley Products*

Impact A500-HD20M/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD20M/RAM comes with a 20 MB drive.
$699.00 *Great Valley Products*

Impact A500-HD30M/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD30M/RAM comes with a 30 MB drive.
$799.00 *Great Valley Products*

Impact A500-HD40Q/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD40Q/RAM comes with a 40 MB Quantum drive.
$999.00 *Great Valley Products*

Impact A500-HD45M/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD45M/RAM comes with a 45 MB drive.
$925.00 *Great Valley Products*

Impact A500-HD80Q/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD80Q/RAM comes with a 80 MB Quantum drive.
$1349.00 *Great Valley Products*

Impact A3001-4MB/40Q
This money-saving bundle includes the 28MHz 68030 board with a 28MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller and a 40MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs.$3250.00
Great Valley Products

Impact A3001-4MB/80Q
This money-saving bundle includes the 28MHz 68030 board with a 28MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller and an 80MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs.$3599.00
Great Valley Products

•HARD DRIVES/Controllers Only•

The WEDGE
Affordable Amiga hard drive interface. The WEDGE allows you to use low-cost IBM hard drives on the A500 and A1000. Requires DTC 5150 or 5160 controller card. Comes complete with set-up software. Complete hard drive systems and component parts available. A500: $160.00; A1000: $145.00 *RSI*

Drives

•HARD DRIVES/Controllers Only/ With Autoboot Capability•

(Items listed here are autoboot capable, in some cases this may be optional— please check with manufacturer)

FastCard less hard drive
Same features as FastCard Jr. except no drive is included. Order #FC20-000 $199.95 *Xetec, Inc.*
(please see display ad page 25)

FastTrak System less hard drive
Same system as FastTrak Jr. less drive. For the A500. Order #FT5-000 $399.95
Xetec, Inc.
(please see display ad page 25)

HardFrame/2000
High-end SCSI interface supports up to 7 devices and operates at bus speeds. Cable pinouts designed for compatibility with standard SCSI hard drives. Features word length data transfer, FIFO buffering, true DMA, mounted on a metal frame. Autobooting; automounting; does NOT require old file system partition; autoloads driver into RAM for fast operation. Works with overscan. $329.00 with metal frame, $299.00 without metal frame.
MicroBotics, Inc.

Fireball
A2000 SCSI controller. True DMA. May be switch-disabled. Burst mode, shared mode, throttle mode. High-speed sustained data transfer rates. Autoboot. Compatible with overscan mode. Autoboot may be switch-disabled. 12-month warranty. $229.00 *Memory and Storage Technology, Inc. M.A.S.T.*
(please see display ad page 9)

Impact A3001-4MB/0
This money-saving bundle includes the 28MHz 68030 board with a 28MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus) and an autobooting SCSI hard drive controller. Uses nibble-mode SIMMs.$2849.00
Great Valley Products

PCC
SCSI hard disk controller card for A1000 and A500. $180.00
Phoenix Electronics, Inc.

SA1000 SCSI Host Adaptor
The SA1000 provides a fast and easy-to-use method of connecting SCSI peripherals to the A1000. Up to 7 SCSI devices may be connected including fixed hard drives, Bernoulli and SyQuest removable-media drives, tape backup units and even large capacity optical drives. Full autoconfig compatability; battery backed-up clock; handles SCSI arbitration; true removable media handling; automatic defect management. Comes complete with full system management tools with a user-friendly Workbench interface. The SA1000 provides the ability to load Kickstart from hard disk image, then boot Workbench from floppy or hard disk. No modifications to the A1000 needed. $389.00 *CDN*
Comspec Communications, Inc.

SA2000 SCSI Host Adaptor
The SA2000 provides a fast and easy-to-use method of connecting SCSI peripherals to the A2000. Up to 7 SCSI devices may be connected including fixed hard drives, Bernoulli and SyQuest removable media drives, tape backup units and even large capacity optical drives. Full autoconfig compatability; handles SCSI arbitration; true removable media handling; automatic defect management. Comes complete with full system management tools with a user-friendly Workbench interface. Also capable of being used as a filecard. $215.00 *CDN*
Comspec Communications, Inc.

SA500 SCSI Host Adaptor
The SA500 provides a fast and easy-to-use method of connecting SCSI peripherals to the A500. Up to 7 SCSI devices may be connected including fixed hard drives, Bernoulli and SyQuest removable media drives, tape backup units and even large capacity optical drives. Full autoconfig compatability; handles SCSI arbitration; true removable media handling; automatic defect management. Comes complete with full system management tools with a user-friendly Workbench interface. $259.99 *CDN*
Comspec Communications, Inc.

SCSI Interface Card
Comes complete with CSA's own Direct Memory Access (DMA) software. Uses faster access capability of CSA's 20, 40, and 80 MB hard drives. Interfaces to Bernoulli Box with removable 20 MB hard drive cartridges, CSA tape streaming back-up systems, and WORM optical drives. $595.00
Computer Systems Associates

SCSI-1035
SCSI interface controller card. $595.00
Computer Systems Associates

StarDrive Module
An alternative to the MultiFunction module. Pseudo-DMA access to Macintosh-compatible SCSI drives and other third-party SCSI devices. Fast, easy to install including driver software and disk diagnostics. Also includes battery-backed clock to set your system time on boot-up. $129.95 *MicroBotics, Inc.*

Supra SCSI Interface
SCSI interface board allows hard disks to be connected to A1000's. Includes software, clock, thorough instruction. $249.95 *Supra Corporation*
(Please see display ad rear cover)

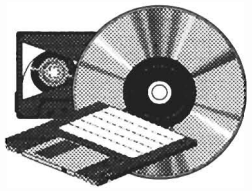
A2090A Hard Disk Controller
Provides the interface between the A2000 and 2 ST506 compatible hard disks and up to 7 SCSI compatible disk devices. High-level command interpretation and exceptional handling. Mac Plus hard disk compatible; full autoconfig capability; full size Amiga card; connectors for 2 ST506-compatible hard disks, $399.95
Commodore Business Machines, Inc.

OverDrive
Autoboot DMA (Direct Memory Access) SCSI hard card. 3.5 drives can be mounted directly on the card, in the drive bay or externally. 5.25 drives can be mounted in the drive bay or externally. Up to 7 devices may be attached. Automatic installation software provided. All cables and mounting hardware included. Includes everything but drive. $299.00
Pacific Peripherals

SCSI Host 2000
SCSI controller for the A2000 features auto-configuration, auto-boot from hard disk, supports fast filing system, includes software. 3.5 inch slimline hard drive can be mounted on the board. $179.95 *Synergy Peripheral Systems*

HDA506-5 and HDA506-1
ST-506 hard drive inerface for A500 and A1000 is enclosed in Amiga-matching metal chassis with 86-pin expansion port pass-through. Accepts selected half size ST-506 controller cards, and supports 2, ST-506 hard drives, MFM or RLL. Also, AmigaDOS 1.3 Autoboot socket for optional custom EPROM/PAL kit permits automatic booting from the hard drive. $263.00
Spirit Technology

Slot machine for A2000
ST506 hard drive interface. Plug-in ST506 adapter card for the A2000. Accepts a range of selected IBM/XT ST506 controller cards, RLL or MFM. A total of two drives are supported by the ST506 controller. Hard drive may be mounted into the A2000 drive bay. A 3.5 hard drive may be mounted to the card with optional hardware. AutoBoot ROM included for use with 1.3 Kickstart. Compatible with the AmigaDOS 1.3 FastFileSystem. $172.00
Spirit Technology



Drives

Supra SCSI Interface
SCSI interface board with ByteSync™ technology allows a hard disk to be connected to A500's. Includes software, RAM expansion capability, thorough instruction. $199.95 *Supra Corporation*
(Please see display ad rear cover)

Synergy
Autobooting SCSI controller for the A500. Includes automatic installation software and utility to back up hard drive to floppy in AmigaDOS format. Use up to 7 SCSI drives or 14 ST506 drives with Adaptec Controllers. Low profile injection molded plastic case with power and drive access LED's on front panel. Drive may be placed several feet away from computer. RAM expansion optional. Controller only.
$249.00 *Pacific Peripherals*

ToolBox Hard Drive Interface
This A2000 hard drive interface features SCSI, DMA, autoboot, DB25 expansion connector (for other SCSI devices) and is 100% Amiga compatible. Mount your 3.5 inch hard drive right on the card, all cables included. Guaranteed compatibility in the ToolBox. Performance information available. $229.95
Expansion Technologies

Trumpcard
Loads DPaint II in 1.4 seconds, identical speed as DMA to cache type controllers costing hundreds more. Exclusive IVS SMARTBOOT autoboots all drives (including Seagate) from cold start. Up to 7 SCSI drives can be daisy chained to one Trumpcard. Full support of Logical Units with Adaptec controllers. Supports all Quatrum, Seagate and Miniscribe drives. User-customizable driver supports virtually any SCSI hard disk drive. The list includes over 15 devices and is growing. Half length card takes only 1/2 slot. Optional brackets mount 3.5 drives to card. Exclusive IVS checklist configuration software makes hard drive setup a breeze. 2ft.50-pin SCSI cable included with every Trumpcard. Also, every Trumpcard shipped includes support for SyQuest removable media drive. Full 1 year warranty, parts and labor. $199.95
Interactive Video Systems

Trumpcard 500
HC Trumpcard 500 HC autoboots directly to FFS partitions if desired. Automatic detection of volume change on Syquest removeable media drives is included at no charge. Half length card uses 256K x 8 or 1MB x 8 SIMMs for 512K, 1MB, 2MB or 4MB of RAM. Upwardly compatible with the 2000. Also, every Trumpcard shipped includes support for SyQuest removable media drives at no extra charge. $269.95
Interactive Video Systems

WordSync Interface for A2000
Hard disk interface for A2000 can be mounted as hard card or used in other configurations. Revolutionary design introduced in July '89 allows super smooth video, sound, etc. with no rude interruptions for hard drive access. Includes everything that comes with A2000 Supra Drive except hard disk. Autoboots from FFS partition.
$199.95 *Supra Corporation*
(please see display ad rear cover)

•HARD DRIVES/Controllers only/ with Autoboot Capability/ Expansion memory Capable•

Impact A2000-HC2-0/0
The Impact Hard Card Plus Series consists of a SCSI autoboot hard drive controller card which allows mounting of a 3.5 inch drive directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K. $399.00 *Great Valley Products*

Impact A2000-8/0
For the Amiga 2XXX series. An autobooting SCSI/RAM controller—can control up to 7 SCSI devices. Comes with 0K, can be configured up to 8K RAM (1MB x 8 SIMM modules 120ns).
$399.00 *Great Valley Products*

•HARD DRIVES/Kits•

=MAX=
A hard disk construction project allowing you to install up to 4 IBM compatible hard drives of the ST 506/412 variety on any of the Amiga series computers. Works with many types of MFM, RLL, XT and AT controller boards; compatible with 68020 and 68030 CPUs also. Requires some construction experience. Package includes: manual with illustrations, list of vendors where parts can be purchased (no parts supplied), hard disk exerciser/debugger, utility program with filecheck, diskcheck, and archive bit manipulation functions. $99.00 US; add $10.00 for overseas orders. *Palomax, Inc.*

Escort Hard Drive Kit
Only item missing is the drive. Add your own 3.5 SCSI drive to the chassis (contains fan and power supply) and you have a complete hard drive system. Comes complete with EZ Format software, park programs, interface, cables, and manual. $229.95 *Expansion Technologies*

Hard Disk-CR (kit)
Hard disk kit for A500 includes SCSI host/controller, hard disk enclosure, power supply, cables, and software. User supplies an embedded SCSI, 3.5 inch, Seagate drive to create low-cost A500 hard disk system. Optional 2MB RAM expansion available. Supports auto-boot, fast filing system, and includes hard disk utilities including partition and back-up programs.
$319.95 *Synergy Peripheral Systems*

Synergy Kit
Autobooting SCSI controller for the A500. Includes automatic installation software and utility to back up hard drive to floppy in AmigaDOS format. Use up to 7 SCSI drives or 14 ST506 drives with Adaptec Controllers. Low profile injection molded plastic case with power and drive access LED's on front panel. Drive may be placed several feet away from computer. RAM expansion optional. All necessary components except drive. Fan, power supply, cables, enclosure.$349.00 *Pacific Peripherals*

•HARD DRIVE ACCESSORIES•
(see also MISCELLANEOUS HARDWARE/ Cables)

EPROMS-ADV
GVP Advanced Autoboot EPROM kit with auto boot EPROM and removable media support.
$150.00 *Great Valley Products*

SA SCSI Adaptor WB1.3 Upgrade Kit
As with Commodore's release of the Amiga DOS 1.3 Enhancer, Comspec has continued support of the Amiga family of products with the SA SCSI adaptor WB1.3 Upgrade Kit. This kit enhances the SA1000 with a new version of the firmware and software that gives you new features such as: partitioning, FFS support, high-capacity removable media, and a custom partition. The kit includes new firmware, software, and full instructions. Allows the SA1000 to Autoboot procedure. This method allows the user to boot from a floppy disk placed in drive DF0: without having to toggle any switches as in Comspec's propriety method. $39.95 *CDN*
Comspec Communications, Inc.

SCSI-HC/3
3-inch SCSI hardcard cable $20
Great Valley Products

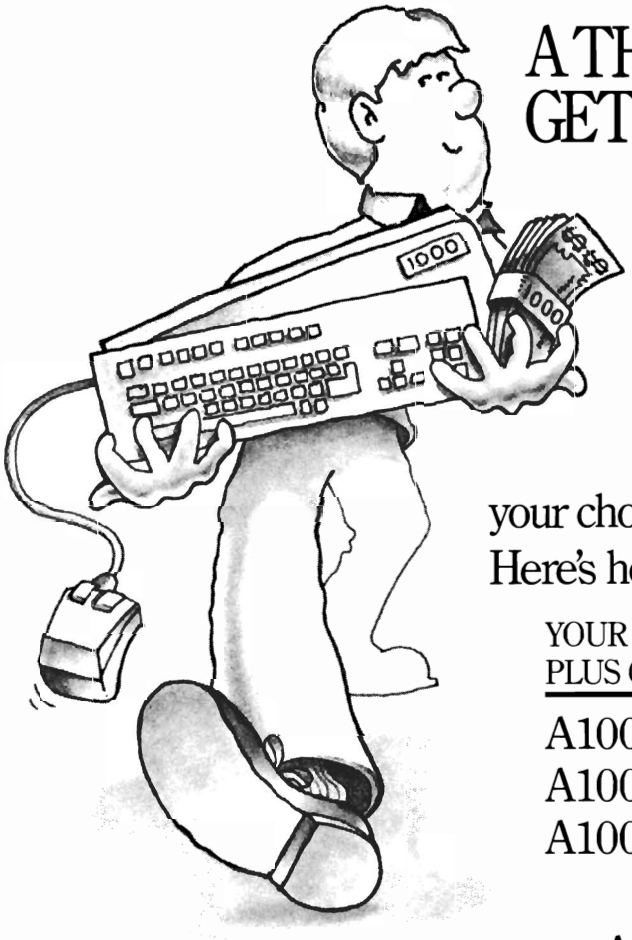
SCSI-HC/3/17
2-drive hardcard cable with 3 and 17-inch connectors. $30 *Great Valley Products*

SCSI-STD 17/12
Standard 2-drive cable (12 and 17-inch).
$35.00 *Great Valley Products*

SCSI-STD/17
Standard 17-inch hard drive cable
$26.00 *Great Valley Products*

SCSI-STD/17/14/12
Standard 3-drive cable (17-,14- and 12-inch.)
$49.00 *Great Valley Products*

THE COMPUTER DEAL OF THE DECADE.



A THOUSAND PLUS A THOUSAND GETS YOU AN AMIGA 2000.

Between now and March 31, Commodore is offering an incredible trade-up offer to all Amiga 1000 owners. By bringing your A1000 computer in to any participating Authorized Commodore Dealer, you can save hundreds – even thousands – of dollars on the CPU of your choice from our powerful Amiga 2000 series. Here's how it works:

YOUR TRADE-IN PLUS CASH	LETS YOU BUY	RETAIL VALUE*	YOU SAVE
A1000 + $2999	A2500-30	$4699	$1700
A1000 + $1599	A2000HD	$2699	$1100
A1000 + $ 999	A2000	$1899	$ 900

Don't miss this special opportunity to become an Amiga 2000 owner. Commodore will be introducing many new exciting technologies for the Amiga 2000 series in the 1990's, and we want you to be able to take advantage of them all.

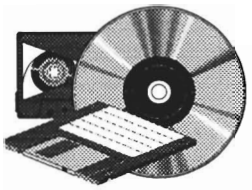
Call 800-343-9595 for the Authorized Commodore Dealer nearest you. But call soon. The offer ends March 31st – and this may very well be your last chance to get such a deal on an Amiga 2000.

AMIGA®. THE COMPUTER FOR THE CREATIVE MIND.™

C=Commodore®

Circle 131 on Reader Service card.

*Manufacturer's suggested retail price. Taxes not included. © 1990 Commodore Electronics, Ltd. Commodore and the Commodore logo are registered trademarks of Commodore Electronics, Ltd. Amiga is a registered trademark of Commodore-Amiga, Inc.



Drives

Parallel Port SCSI Adaptor
Device converts printer port to high-speed SCSI port. Printer is passed through transparently. Cost-effective. Plugs into all models of the Amiga. No compatability worries. Forms a great portable hard drive and SCSI device system when used with Tiny Tiger. 12-month warranty. Can be used on Macintosh and IBM. $129.00
Memory and Storage Technology, Inc. M.A.S.T.
(please see display ad page 9)

•HARD DRIVES/Optical Drives•

Ricoh RO-5030E
Ricoh RO-5030E 5 1/4-inch disk drive provides speedy data access in only 71 milliseconds and offers 594 megabytes of fully rewritable storage on a removable, two-sided magneto-optional disk. Its sustained data transfer rate is up to 100 kilobytes per second for recording and up to 300 for reading, and has been incorporated into MS-DOS and IBM OS/2-compatible systems. Uses highly reliable constant angular velocity (CAV) tracking, yielding an outstanding error rate of about one in every 10-12 bits read.
Cartridge sold seperately for $250.00. $3,800.00
Ricoh Corporation

WORM-800
800 megabyte optical laser disk drive.
$5,995.00 *Computer Systems Associates*

•HARD DRIVES/Removable Media•

Impact A2000-8/0 SQ44/44 bundle
For the Amiga 2XXX series. An autobooting SCSI/RAM controller—can control up to 7 SCSI devices. Comes with 0K, can be configured up to 8K RAM (1MB x 8 SIMM modules 120ns). Comes bundled with a Syquest Removable Media hard drive. Includes one cartridge and GVP Advanced Autoboot Eprom Kit $1399.00
Great Valley Products

Impact SQ44
The Impact SQ44 system comes with a Syquest 44MB Removable media hard drive. The system includes the GVP Advanced Autoboot EPROM kit w/ removable media support. Cartridges available separately. $999.00
Great Valley Products

Impact SQ400
44 MB Removable cartridges for the Syquest/GVP system $140.00
Great Valley Products

Infinit40/i
The Infinit40/i is a removable media drive subsystem for the A2000 and A500 computers which provides Amiga users with the convenience of 40 megabyte cartridges and the speed of a hard disk drive. This program is ideal for animators, graphic artists, and others who need to categorize mass storage on a project or client basis and for whom a finite storage capacity does not meet their needs. The Infinit40/i is the internal version, which includes a Trumpcard SCSI disk controller, SyQuest drive assembly, two preformatted 40MB cartridges, and all necessary software and cables.
$1,249.95 *Interactive Video Systems*

Infinit40D
For those Amiga users desiring additional storage in an external housing IVS offers the Infinit40D, a double height version of the chassis that accomodates an additional half height 5.25 or 3.5 hard drive or a second SyQuest drive mechanism. The Infinit40D power supply capacity is increased to 60 watts to handle the extra load. $1,749.95
Interactive Video Systems

Infinit40S
The Infinit40S is the external version of the Infinit40 series, which houses the SyQuest drive assembly in a low profile aluminum housing and includes an internal 40 watt switching power supply that automatically senses line voltage and switches between 110/60Hz and 220/50Hz for use anywhere in the world. This package has an externally accessible SCSI device ID switch to allow selection of any SCSI device ID without opening the unit. It also includes 2 40MB preformatted cartridges and all software and cables for a total storage solution.
$1,549.95 *Interactive Video Systems*

Supra Drive 44R for A2000
Removable hard disk drive with 44MB cartridges. Includes one cartridge. Includes WordSync™ Interface. Can be used as primary or add-on drive. $1,199.00 *Supra Corporation*
(Please see display ad rear cover)

Supra Drive 44R for A500
Removable hard disk drive with 44MB cartridges. Comes with one cartridge. Can be used as primary or add-on drive; system must include one Supra SCSI interface. $1,398.95 with interface; $1,199.00 without interface
Supra Corporation
(Please see display ad rear cover)

verDrive 20F
Autoboot DMA (Direct Memory Access) SCSI hard card. Up to 7 devices may be attached. Automatic installation software provided. All cables and mounting hardware included. 20 megabyte 3.5 floppy disk drive. Extra disks $20. Requires use of drive bay. $899.00
Pacific Peripherals

SD B20
The SD B20 is an external removable media subsystem utilizing the SD chassis and a 20 MB 5.25 half height Bernoulli drive featuring 38 m/sec. average access time. One pre-formatted cartridge and drive cleaning kit included. Shipped with all necessary cables and fully tested. SCSI host adaptor required. (SA500, SA1000, or SA2000 recommended)
$2,499.00 *CDN Comspec Communications Inc.*

SD B44
The SD B44 is an external removable media subsystem utilizing the SD chassis and a 40 MB 5.25 half height Bernoulli drive featuring 33 m/sec. average access time, built-in 32K cache buffer for improved performance. One pre-formatted cartridge and drive cleaning kit included. Shipped with all necessary cables and fully tested. SCSI host adaptor required. (SA500, SA1000, or SA2000 recommended)
$2,649.00 *CDN Comspec Communications Inc.*

SSD B20
The SSD B20 is an external removable media subsystem utilizing the SSD chassis and a 20 MB 5.25 half height Bernoulli drive featuring 38 m/sec. average access time. One pre-formatted cartridge and drive cleaning kit included. Shipped with all necessary cables and fully tested. SCSI host required. (SA500, SA1000, or SA2000 recommended) $2,399.00 *C D N Comspec Communications Inc.*

SSD B44
The SSD B44 is an external removable media subsystem utilizing the SSD chassis and a 40 MB 5.25 half height Bernoulli drive featuring 33 m/sec. average access time. One pre-formatted cartridge and drive cleaning kit included. Shipped with all necessary cables and fully tested. SCSI host adaptor required. (SA500, SA1000, or SA2000 recommended)
$2,579.00 *CDN Comspec Communications Inc.*

•DRIVES/Tape Backup•

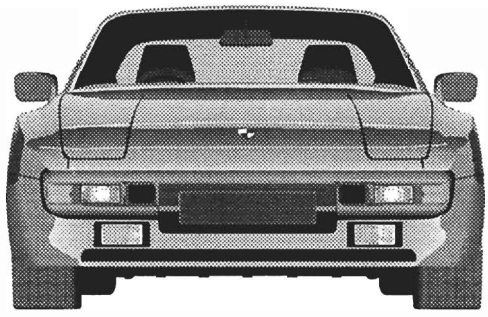
Impact WT150
The Impact WT 150 is a streaming tape backup system with a Wangtek 150MB, 5.25-inch, half-height drive. Includes GVP Tapestore Backup software. $899.00 *Great Valley Products*

Easy Streamer
Easy Streamer is a hardware/software combination which allows you to use your VCR and inexpensive videotapes for data storage. Works with all Amigas by using the composite video output. $199.00 *RSI*

Halfbac-40
A 40 MB 5.25 internal tape streaming drive. Eliminates need to continually add hard drives. Mounts internally or externally in BacPac enclosure.$1,595.00
Computer Systems Associates

TARC - Tape Archive Software
TARC streaming tape backup allows the backup of any AmigaDOS volume to tape. Plus backup multiple partitions to the same tape. Utilizes the full memory capacity of your Amiga to achieve speeds of up to 6MB per minute. Supports 60MB and 150MB SCSI tape units. Requires the Comspec SA500, SA1000, or SA2000 SCSI host adaptor. Price unavailable.
Comspec Communications Inc.

Tapestore
GVP Tapestore Backup software and Tapestore EPROM kit. $175 *Great Valley Products*



ACCELERATORS

ACCELERATORS

Impact A2000-030/16
An internal processor/accelerator board for the A2000 includes: 16MHz 68030 microprocessor with built-in MMU, math coprocessor socket. All GVP accelerator boards use a unique asynchronous design $849
Great Valley Products

Impact A2000-030/28
An internal processor/accelerator board for the A2000 includes: 28MHz 68030 microprocessor with built-in MMU, math coprocessor socket. All GVP accelerator boards use a unique asynchronous design $999
Great Valley Products

Impact A2000-030/882/16
An internal processor/accelerator board for the A2000 includes: 16MHz 68030 microprocessor with built-in MMU and a 16 MHz 68882 floating-point math coprocessor. All GVP accelerator boards use a unique asynchronous design
$1049 *Great Valley Products*

Impact A2000-030/882/28
An internal processor/accelerator board for the A2000 includes: 28MHz 68030 microprocessor with built-in MMU and a 28 MHz 68882 floating-point math coprocessor. All GVP accelerator boards use a unique asynchronous design.
$1425 *Great Valley Products*

01H 500
16 MHz 68020 accelerator for the A500.
$549.00 *Imtronics, Inc.*

02H 500
16 MHz 68020 accelerator for the A500. Includes 16 MHz 68881 math coprocessor.
$698.00 *Imtronics, Inc.*

03H 500
16 MHz 68020 accelerator for the A500. Includes 16 MHz 68881 math coprocessor, and 1 MB RAM.
$998.00 *Imtronics, Inc.*

04H2800
25Mhz 68030 accelerator for the A2000.
$1,195.00 *Imtronics, Inc.*

05H2800
25 MHz 68030 accelerator for the A2000. Includes 25 MHz 68882 math coprocessor.
$1,595.00 *Imtronics, Inc.*

06H2800
25 MHz 68030 accelerator for the A2000. Includes 25 MHz 68882 math coprocessor and 2 MB RAM.
$2,195.00 *Imtronics, Inc.*

07H2000
16 MHz accelerator for the A2000.
$498.00 *Imtronics, Inc.*

A2620/2 2Meg
68020 accelerator board for the A2000. Has built-in math coprocessor and 2 MB 32 bit RAM.
$1,495.00 *Commodore Business Machines, Inc.*

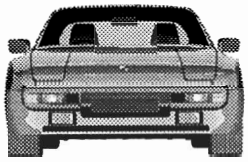
A2620/4 4Meg
A 68020 accelerator board for the A2000. Has built-in math co-processor and 4 MB 32-bit RAM.
$2,799.00 *Commodore Business Machines, Inc.*

A2630
A Motorola 68030-based accelerator board for the A2000 series computers which features a 25 MHz MC68030 microprocessor, a 25 MHz MC68882 math coprocessor and a 68851 memory management unit. Comes standard with 2MB of 32-bit memory, is expandable up to 4MB, and provides the professional Amiga user with a dramatic performance increase for math-intensive applications such as 3-D solid modelling or visualizations. $2,195.00
Commodore Business Machines, Inc.

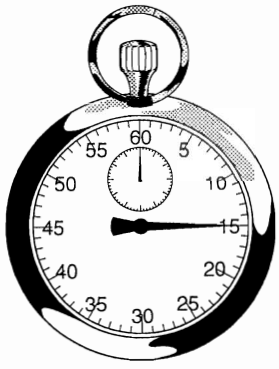
Animate Turbo Board I
This standard accelerator board is a replacement for the MC68000 processor. On board you have the 68020 and the 68881 or 68882 processors giving you turbo power. With 68020 and 16 MHz 68881. $459.00
Advanced Computer Design

Animate Turbo Board II
Nearly the same as the ATB I with one major difference. Now you can switch between the 68020 and the 68000 processor. That gives a total of three processors on one board. Useful for those who are using some of the few programs that refuse to run with the 68020, or want to play games at normal speed. With 68020 and 16Mhz 68881. 1399 Deutch Marks
Advanced Computer Design

Animate Turbo Board III
Designed for the A2000. Fits into the A2000 MMU slot and is the first board for the Amiga that comes with the option for up to 1MB of 32-bit static RAM



Accelerators



It's time to subscribe to

Amazing COMPUTING™ For The Commodore AMIGA®

on-board. With 68020 and 16 MHz 68881.
1699 Deutch Marks
Advanced Computer Design

CPU-992 1
4 MHz CPU accelerator board without processors. For the A2000. $695.00
Computer Systems Associates

DragStrip™ A2000 RAM Accelerator
Lets you take advantage of faster processor boards without the high cost of 32-bit RAM. Gives you the speed of 32-bit memory at 16-bit DRAM prices. Fast screen updates and hard drive accesses; up to 16 MB of memory at almost half the cost of other 32-bit RAM boards. Requires no dynamic memory chips. Uses off-the-shelf 16-bit DRAM boards. $795.00
Computer Systems Associates

FasTrack A1000 Accelerator
Efficient and economical upgrade for the A1000 and A500. Piggyback boards replace the 68000 processor with a 68020 and optional 68881 or 68882 running at up to 25MHz. Similar to CSA's A2000 CPU, CSA's internal accelerator board is easily installed and requires no modifications to your Amiga. $595.00
Computer Systems Associates

FasTrack ™ A2000 Accelerator
Hassle-free upgrade from 16/32-bit, 7 MHz 68000 to 68020 full 32-bit processor at 14 MHz. Fits into A2000's CPU slot or the A1000 expansion chassis. Does not require removal of your Amiga's processor and lets you disable the 68020 and re-select 68000. Easy installation; no modifications required. Fully compatible with standard Amiga software and Commodore hardware.
$995.00 *Computer Systems Associates*

Impact A3001-4MB/0
This money-saving bundle includes the 28MHz 68030 board with a 28MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus) and an autobooting SCSI hard drive controller. Uses nibble-mode SIMMs. $2849.00
Great Valley Products

Impact A3001-4MB/40Q
This money-saving bundle includes the 28MHz 68030 board with a 28MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller and a 40MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. $3250.00
Great Valley Products

Impact A3001-4MB/80Q
This money-saving bundle includes the 28MHz 68030 board with a 28MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller and an 80MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. $3599.00
Great Valley Products

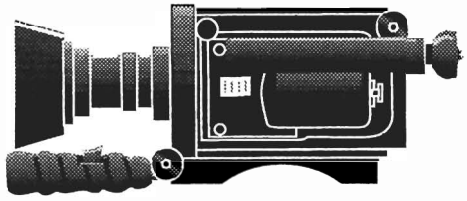
Mach II
CPU accelerator for the A2000 nearly doubles speed. Hardware and software compatible. Does not require special memory. $300.00
Aminetics

Optimizer
Multiple function card provides 14.32 MHz 68000 CPU, 68881 math coprocessor, 1MB memory expansion (0MB installed) with fast access to the system ROM routines via FAST BUSS™. Price unavailable. *Synergy Peripheral Systems*

CPU-992-XX
Modification to the CPU-992 for 16, 20, or 25 MHz 68881/2 coprocessor. $95.00
Computer Systems Associates

Over 030™
Upgrade For the FasTrack A2000. Twice the processing power of the on-board Memory Management Unit eliminates need for external 68851 MMU for UNIX™, X-Windows, and other networking environments. Includes both instruction and data cache. Harvard Parallel allows instructions and data to be processed simultaneously. $1,190.00
Computer Systems Associates

PFM-1146CA
68030 board for the CPU-992 without processor.
$495.00 *Computer Systems Associates*



Video Hardware

•DIGITIZERS•

Digi-View 4.0
NewTek's new dynamic palette control allows resolution with overscan, thus providing sharper HAM images and virtually eliminating HAM fringing. The LBJ technology allows the user to selectively filter background noise from the video signal for sharper, clearer images. Digi-View 4.0 supports ARexx. New Digi-Port feature allows captured images to be displayed directly into Digi-Paint 3, and resolutions may be changed from inside Digi-View 4.0 24 bit RGB files may be loaded and saved for further image processing or exporting to typesetters or frame buffers. Many more enhancements have been added to Digi-View 4.0, allowing you to create images with ease. $199.95 *NewTek*

Video Toaster
The Toaster is a broadcast-quality video computer which sits inside the Amiga. It has 4 VLSI custom chips and its own RAM. It does not use Amiga output, but rather produces its own output. The Toaster will be shipped with a character-generating program, with Toaster Paint (a 24-bit paint program) & Toaster 3D due later this year. The Toaster includes a seven-channel production switcher which will switch between seven stable (i.e., camera or time-base-corrected tape) sources and provide dissolves and wipes. The Toaster is also a broadcast-quality genlock, frame grabber and digitizer. The Toaster is also a DVE (Digital Video Effects) unit with real-time manipulation of live video. Over one hundred pre-programmed effects will come with the first release of the Toaster with more available later. The Toaster also includes dual frame buffers (which will also work with standard 24-bit IFF RGB files such as those produced by Sculpt and Silver. Output from the Toaster is straight, 24-bit, 16-million color, broadcast-quality NTSC. $1595.00
NewTek

VMachine
An infinite window time base corrector with a dissolve, overlay and keying system, as well as programmable real-time digital video effects. As incoming video is digitized on channel A, it can be played out again synced with video passing through channel B. It is able to do this with VCR's and requires no other equipment. Features NTSC RS-170A compatible, Y/C compatible (VHS and Beta), full paintbox tools, full bandwidth sampling and much more.
Price unavailable. *Digital Creations*

•DIGITIZERS/Accessories•

Auto Droid
Auto Droid cuts digitizing time by nearly 50% over manual operation, and it's easy to use. With Auto Droid installed, all you have to do is select digitize auto and watch Auto Droid and Digi-View™ do the rest. Auto Droid also lets you digitize using the clear filter for black and white images. This keeps you from having to remove your 'Droid' everytime you switch from color to black and white. Focusing with the clear filter makes it much easier to obtain sharp images.
$59.95 *MicroSearch, Inc.*

Color Splitter
For use with Digi-View or Pefect Vision, this electronic color splitter allows users to capture color images from VCR, LaserDisk, CamCorder, or any still NTSC video source without using color filters. $119.95
SunRize Industries

Digi-Droid
Motorized filter wheel automatically advances the color filter wheel for Digi-View. Speeds up digitizing and minimizes chances for mistakes. Hands-free digitizing. $79.95
NewTek

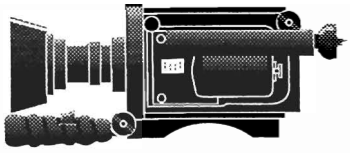
•DIGITIZERS/Frame Grabbers•

Frame Capture
Optional chip set for FrameBuffer allows capture of 4 fields of video in real time and full color.
$199.95 *Mimetics Corporation*

FrameGrabber
Real-time, 4096 color, video digitizer. Grab color images from VCR or camera in 1/30 of a second. Supports screen resolutions from 320 x 200 to 640 x 400, including lo-res overscan. For all Amigas.
$699.95 *Progressive Peripherals & Software*

FrameGrabber 256
256 gray-shade video digitizer with professional image processing software. Displays up to 256 shades of gray on any Amiga monitor. For all Amigas. $724.95
Progressive Peripherals & Software

LIVE!
Digitizes a moving color image in real time from any video source to the A1000. This package can decode an NTSC video signal, grabs a picture as fast as 15 frames per second in 16-level gray scale, and has an overscan ability to completely cover the Amiga video screen with your image



Video Hardware

(no blank borders). Plugs into the A1000 expansion port! $295.00
A-Squared Distributions Inc.

LIVE!2000
Same features as Live! and Live!500. Dual video switching (allows fades, wipes, and other special effects), video signals from composite video or RGB input, 640 x 400 resolution, optimizer package for B&W cameras, and additional real-time video effects. LIVE!2000 fits internally into the A2000 and is Zorro 2-compatible.
$450.00 *A-Squared Distributions Inc.*

LIVE!500
Digitizes a moving color image in real time from any video source to the A500. Decodes an NTSC video signal, grabs a picture as fast as 15 frames per second in 16-level gray scale, and has an overscan ability to completely cover the Amiga video screen with your image (no blank borders). Plugs into the A500 expansion port and comes with its own power supply.
$399.00 *A-Squared Distributions Inc.*

Living Color TBC/Digitizer option
The TBC/Digitizer option gives the Frame Buffer the ability to digitize video in full 16-million color space as well as act as a video time base corrector. Also included is the ability to shrink or zoom, move and then overlay the digitized video in real time relative to the video input on the SuperGen 2000S board. Inludes Video Artist Workstation software for creating visual effects with the TBC. Price unavailable.
Digital Creations

Perfect Vision
A real-time video frame grabber. Real time in black and white. Supports color using included color filters or an optional electronic color splitter. Saves in IFF. $249.95
SunRize Industries

Video Digitizer
Real-time frame grabber in 1/60 second. 320 x 256 display with 16 gray levels. Updates screen at 1 frame/sec. Save screen as IFF format. Edit pictures with cut, paste, copy, reverse, negative & more. $139.95 *Datel Computers*

•DIGITIZERS/Scanners•

300 DPI Scanner
Saves images as B/W IFF files at 75, 150, 200, or 300 dpi. Saves in 15 seconds. User-definable scanned page regions for high-res use. Programs can be used in any IFF-supporting program, allowing you to color images in paint programs like DeluxePaint II, or import them into Professional Page or Professional Draw. Comes with parallel port hardware and software interface. $1,095.00 *Gold Disk Inc.*

Geniscan Handy Scanner
Hand Scanner with 400 DPI resolution and 4 1/8 inch width. Adjustable switches for brightness and contrast. Software compatible with most leading software packages. $299.95
Datel Computers

Migraph Handscanner and Touch-Up
This unbeatable hardware-software team lets you scan, and enhance images until they're exactly right for all your desktop publishing projects. Scanner features: 4 scan window, 100, 200 and true 300 and 400 DPI resolutions, adjustable contrast, three dither settings for halftones and one for line art. Software has all the standard features plus lots of special effects, bezier curves, and scalable fonts. $399.00*Migraph Inc.*
(please see display ad page 79)

IMG Scan
A low-cost, high-quality scanner that connects to your dot-matrix printer. Use the software to digitize photographs and drawings. Save pictures in standard IFF formats for use with paint, desktop publishing, and video programs. Scans in 256 gray levels. $149.95
SunRize Industries

IMG Scan II
Turns your printer into a high-resolution image scanner. 256 gray levels, full-color assignable.
$139.95 *Seymor-Radix*

Scannery
Links Amiga to HP ScanJet. Full page preview, clip image to any size, adjust scale, resolution, and brightness for optimum image control. Scanning options include black and white, 16 gray scales, four dither patterns and inverted images. Repetitive tasks can be automated with the ARexx batch process capability. Merge scanner data with data from any other application program. Package includes software documentation, software disk and custom cable.
$250.00 *Inset Systems*

Sharp JX-100
One of the smallest color scanners in the world and the first hand-held color scanner available for the Amiga. Scans an area of 4 x 6.4 at 200 DPI, and will do black and white, gray scale, and color scanning for high-quality desktop publishing. Sold by Sharp Electronics, the software is written by ASDG, Inc. Software will process 18-bit color scans into any Amiga format. No additional hardware required. Directly supports all display modes, overscan, and PAL. $995.00
ASDG/Sharp Electronics

Sharp JX-300
Scans originals up to 8.5 x 11 with a 300 DPI resolution. This 24-bit color scanner is intended for most business and some high-end applications. Requires Professional ScanLab.
$4995.00 *ASDG/Sharp Electronics*

Sharp JX-450
Sharp's best-selling color scanner for desktop publishing, slide creation, and other areas demanding high-end image processing. Easy operating, high-quality desktop full color scanner. Provides the precision quality scanning of a console from a desktop. 300 DPI resolution capacity ensures accurate, detailed images. Scanning of slides and transparencies available with optional mirror. Scanning capacity up to 11 x 17. Requires Professional ScanLab.
$6,995.00 *ASDG/Sharp Electronics*

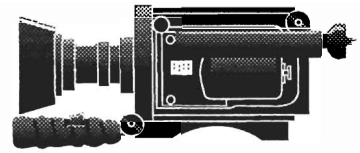
•DIGITIZERS/Scanners/ Accessories•

Professional ScanLab
Professional color scanning package that includes all the software cables and hardware interfaces for the A2000 to provide total control over Sharp's JX-300 and JX-450 color scanners. High-quality, 24-bit data from the scanner can be converted into Amiga HAM images, or maintained in its 24-bit true color form. Sent to professional output device, this translates into 16 million colors. Also supports the largest picture resolutions of any Amiga system: 5100 x 3300. Used in conjunction with ASDG's ReSep, ProScan Lab. Allows professional Page to produce documents with 24-bit images.
$995.00 *ASDG Inc.*

•DVE (DIGITAL VIDEO EFFECTS)•

Video Toaster
The Toaster is a broadcast-quality video computer which sits inside the Amiga. It has 4 VLSI custom chips and its own RAM. It does not use Amiga output, but rather produces its own output. The Toaster will be shipped with a character-generating program, with Toaster Paint (a 24-bit paint program) & Toaster 3D due later this year. The Toaster includes a seven-channel production switcher which will switch between seven stable (i.e., camera or time-base-corrected tape) sources and provide dissolves and wipes. The Toaster is also a broadcast-quality genlock, frame grabber and digitizer. The Toaster is also a DVE (Digital Video Effects) unit with real-time manipulation of live video. Over one hundred pre-programmed effects will come with the first release of the Toaster with more available later. The Toaster also includes dual frame buffers (which will also work with standard 24-bit IFF RGB files such as those produced by Sculpt and Silver. Output from the Toaster is straight, 24-bit, 16-million color, broadcast-quality NTSC. $1595.00
NewTek

Video Hardware



VMachine
An Infinite window time base corrector with a dissolve, overlay and keying system, as well as programmable real-time digital video effects. As incoming video is digitized on channel A, it can be played out again synced with video passing through channel B. It is able to do this with VCR's and requires no other equipment. Features NTSC RS-170A compatible, Y/C compatible (VHS and Beta), full paintbox tools, full bandwidth sampling, and much more.
Price unavailable. *Digital Creations*

• EDITING HARDWARE AND EDITING SYSTEMS •

A-GPI
Read GPI pulse from professional editing equipment and single steps Amin file for single frame work. Input can be triggered from any device with a TTL Logic Level. $49.95
K & M Technology

BCD-5000
The BCD-5000 Professional Video Animation Controller for computers with a serial port provides frame-accurate control of most industrial and broadcast video tape and disc machines. While designed as a video animation controller, the BCD-5000 is at home wherever computers are needed to control video machines. $2495-$3495 *BCD Associates, Inc.*

CVC Video Workstation™
Step-frame animation, frame accuracy, SMPTE time control, and A/B roll editing in a standard EIA 19 rack mount format. Controls up to 32 video devices, multitasking color graphics, and mainframe computing power. Based on the A2000, features CSA's 14MHZ FasTrack™ 68020 or 68030 processor boards, up to 16 megabytes of fast 32-bit memory.
Price unavailable. *RGB Video Creations*

MediaPhile Infared Controller
Provides complete accurate control of video decks, laser and compact disc players, and other infared devices from Amiga computers. Learn commands from any infared remote control and send them from the computer. Features: infared commands for many popular devices included on program disk; video deck control from many video production, animation, presentation, and database programs; Programmer's Toolkit software. Ports: Infrared transmitter and sensor, two Sony S-ports, a remote pause switch and tape counter inputs for two video decks.
$195.00 *Interactive Microsystems, Inc.*

QuickFrame
Single frame controller for Professional Panasonic AG-7500 Super VHS. Works with Anim Files or Video Scape 3D to single frame animation to tape. Available by order only.
$295.00 *K & M Technology*

S-V Post Series
Fully integrated Post Production System (Commercial) straight cuts, Pseudo A/B roll, S-VHS/3/4 editing options. Utilizing the Amiga for graphics and Computer Assisted Editing (CAE).
$30,000 to $150,000 *Amicore International*

VCR-Edit
Will synchronize your VCR with Amin files. Use it to splice your animations down to tape with any VCR with a record/pause input. Will read MTC from tape and start multiple Anim files at a specific time. $59.95
K & M Technology

Video Pro Series
Fully integrated Post Production System (Industrial) straight cuts, Pseudo A/B roll editing options. Utilizing the Amiga for graphics and Computer Assisted Editing (CAE).
$7,000 to $25,000 *Amicore International*

• ENCODERS •

A520 Modulator
Lets you connect the A500 to a composite color monitor or standard TV. Converts video signal into RF modulated and color composite signals. Accepts audio from A500 which is added to the RF video to be heard through TV. Connects to the A500's RGB video port. Power is supplied by the A500. $49.00
Commodore Business Machines, Inc.

DigiFeX External Adaptor
This adaptor is an external device designed to send a video signal from an Amiga 500, 1000 or 2000 computer to various video hardware. It is enclosed in a sturdy metal case and attaches to the RGB Port of any Amiga via a 23-PIN connector. Three RGB jacks providing Composite out, Chroma out and Luma out allow for interfacing with Commodore Monitors, Composite Monitors, VHS and Beta VCRs and SuperVHS or BetaED hardware (if an additional cable is purchased). $79.95
DigiFeX Corporation

DigiFeX External Adaptor With RF
This adaptor is an external device designed to send a video signal from an Amiga 500, 1000 or 2000 computer to various video hardware. It is enclosed in a sturdy metal case and attaches to the RGB Port of any Amiga via a 23 PIN connector. Three RGB jacks providing Composite out, Chroma out and Luma out and Audio in; an additional RF out co-axial cable jack provides a regulated frequency output. These video signals allow for interfacing with Commodore Monitors, Composite Monitors, VHS and Beta VCRs and Super VHS hardware if an additional cable is purchased.
$99.95 *DigiFeX Corporation*

DigiFeX Internal Adaptor
This adaptor is used internally with Amiga 2000 computers to send a video signal from the Amiga to various video hardware. The VI-2000 is an internal board that fits into the video expansion slot of the Amiga 2000. The VI-2000 provides three RCA jacks that provide the same outputs as the VI-500. Allows interfacing with the same broad variety of video hardware.
$79.95 *DigiFeX Corporation*

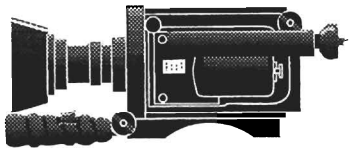
DigiFeX Internal Adaptor With RF
This adaptor is used internally with Amiga 2000 computers to send a video signal from the Amiga to various video hardware. The VI-2000RF is an internal board that fits into the video expansion slot of the Amiga 2000. The VI-2000 provides three RCA jacks that provide the same outputs as the VI-500RF. It allows interfacing with the same broad variety of video hardware and old style televisions. $99.95
DigiFeX Corporation

ENC-1
Converts analog RGB to standard NTSC composite video signal. $395.00
Communications Specialties Inc.

• VIDEO ENHANCEMENT •

flickerFixer
Professional graphics enhancer uses de-interlacing and fits in the A2000 and A2500 video slot. Removes the flicker in the interlace mode and the visible scan lines in the non-interlace mode of the A2000 and A2500 display. Fully compatible and transparent to all user software. Does not modify standard Amiga video signals. NTSC video outputs may be used simultaneously with flickerFixer. Supports standard multiscanning and VGA monitors. Compatible with 4096 color HAM mode. $595.00
MicroWay
(please see display ad page 7)

flickerFixer Genlock Compatibility Option
The flickerFixer Genlock Compatibility Option was developed in response to the needs of Amiga video users. It allows the flickerFixer to be operated on A2000's and A2500's while simultaneously having NTSC compatible display through the genlock and high-quality VGA compatible display through the flickerFixer. It is a small module that piggybacks onto the flickerFixer board so it does not utilize any expansion slots. Now, both the flickerFixer and a genlock can be physically running in the same machine. $50.00 *MicroWay*
(please see display ad page 7)



Video Hardware

• FRAME BUFFERS •

FrameBuffer
Allows display of Amiga 24-bit RGB files and IFF files with a fidelity up to the limits of video. 746 x 484 pixel resolution in up to 16 million colors. Special software utilities for Sculpt 4D, Turbo Silver, and NewTek files. Requires 1 MB RAM on board an A2000 form factor card.
$549.95 *Mimetics Corporation*

Living Color Frame Buffer
Requires SuperGen 2000S. Provides the Amiga with full 16-million-color paint capability. Also there are several color register indirect and double buffering display modes that allow both color cycling animation as well as ANIM-type animation with up to 256 colors. Includes Living Color PaintBox, IFF picture and ANIM conversion systems. Price unavailable.
Digital Creations

Video Toaster
The Toaster is a broadcast-quality video computer which sits inside the Amiga. It has 4 VLSI custom chips and its own RAM. It does not use Amiga output, but rather produces its own output. The Toaster will be shipped with a character-generating program, with Toaster Paint (a 24-bit paint program) & Toaster 3D due later this year. The Toaster includes a seven-channel production switcher which will switch between seven stable (i.e., camera or time-base-corrected tape) sources and provide dissolves and wipes. The Toaster is also a broadcast-quality genlock, frame grabber and digitizer. The Toaster is also a DVE (Digital Video Effects) unit with real-time manipulation of live video. Over one hundred pre-programmed effects will come with the first release of the Toaster with more available later. The Toaster also includes dual frame buffers (which will also work with standard 24-bit IFF RGB files such as those produced by Sculpt and Silver. Output from the Toaster is straight, 24-bit, 16-million color, broadcast-quality NTSC. $1595.00
NewTek

• FRAME GRABBERS •

Video Toaster
The Toaster is a broadcast-quality video computer which sits inside the Amiga. It has 4 VLSI custom chips and its own RAM. It does not use Amiga output, but rather produces its own output. The Toaster will be shipped with a character-generating program, with Toaster Paint (a 24-bit paint program) & Toaster 3D due later this year. The Toaster includes a seven-channel production switcher which will switch between seven stable (i.e., camera or time-base-corrected tape) sources and provide dissolves and wipes. The Toaster is also a broadcast-quality genlock, frame grabber and digitizer. The Toaster is also a DVE (Digital Video Effects) unit with real-time manipulation of live video. Over one hundred pre-programmed effects will come with the first release of the Toaster with more available later. The Toaster also includes dual frame buffers (which will also work with standard 24-bit IFF RGB files such as those produced by Sculpt and Silver. Output from the Toaster is straight, 24-bit, 16-million color, broadcast-quality NTSC. $1595.00
NewTek

• GENLOCKS •

4004/4004S Genlockable Video Graphics Encoder
The two plug-in cards of the Magni 4004 offer clean video signals for A2000 or A2500 graphics programs. Along with absolutely accurate RS-170A video, you get special effects features that include fades, luminance and color zero keying, all under software control with choice of keyboard or mouse. The S version adds a graphics-only output in S-VHS video format. For still greater flexibility, add the optional 4010 Remote Control for external control of effects function ($595.00 if purchased separately).
$1,695.00; $1,995.00 with remote control.
Magni Systems, Inc.

4005/4005S Genlockable Video Graphics Encoder
The 4005 and 4005S provide the Amiga video professional outside the U.S. with the same flexibility and accuracy as the 4004 but in PAL (the predominant European video standard).
$1,865.00; $2,165.00 with remote control.
Magni Systems, Inc.

A2300 Genlock
Fits in the A2000's video slot, allows the user to combine the A2000 video display with output from a VCR, video camera, or laser disk. Combined display may be viewed on an Amiga RGB monitor. Titles, captions, and multi-layered effects may be viewed on video tape. Suitable for semi-professional (non-broadcast) environment. Available in both NTSC and PAL versions.
$399.00 *Commodore Business Machines, Inc.*

AmiGen
This low-cost genlock allows the Amiga to synchronize with any external video system and overlays computer graphics. Easy to operate!
$199.95 *Mimetics Corporation*

GEN/ONE
Genlock encoder with overlay. Has separate 4C output for VHS. $895.00
Communications Specialties Inc.

Interlok
For all Amigas, the Interlok includes advanced, reliable circuitry that locks your Amiga scan rate to NTSC or PAL broadcast synchronizing standards and is also able to lock to sync pulses that output directly from typical, low-cost VCR's. Front panel includes program on/off, genlock on/off, LED power indicator and 0 to 100% fade overlay control slider. Other features include looping video input, KEY out (Amiga Color 0), and Internal level selector for A2000, A500 and A1000 RGB matching. Interlock's front panel with controls can be located remotely to 25 feet or more. Its shielded metal chassis can fit beneath monitor and support monitor weight; the chassis is 1 3/4 high to enable mounting to industry standard 19 rack. Price unavailable.
Spirit Technology Corp

Magni 4003
Remote control unit controller for use with the Magni 4004 board. Performs variable speed fades along with luminance and inverse keying. Also controls key and fade levels of genlocked graphics. $499.00 *Magni Systems, Inc.*

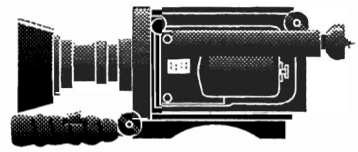
miniGEN
RS-170A, broadcast-quality genlock for all Amigas. Three-position toggle switch for controlling graphic modes. $229.95
Progressive Peripherals & Software

Neriki 1187
The Neriki Image Master Pro Genlock accurately genlocks the Amiga's RGB output to a reference video signal or a studio black signal will lock to any composite video signal, studio reference, black burst, camera or tape source. Supports all graphic modes and resolutions. Minimizes duplication losses. Luminance keyer replaced by fader in latest version. Separate RGB and key out.
$2,195.00 *Telmak USA, Inc.*

Neriki DeskTop
Allows text, graphics, paint and animation programs to be integrated to video. Features: hi res with encoded capability of 500 lines (NTSC 500 lines), Auto key cuts into background, meets RS170A standards. Models available in PAL and NTSC. Same rack mount genlock with identical performance as the Image Master model 1187 with fewer output combinations, i.e no key out, RGB out or sync out. Makes up for lack of connectors with a lower base cost and Y/C input and output. $1,100.00 *Telmak USA, Inc.*

OmniGen 701/702
This genlock system for the Amiga is available for both NTSC/PAL standards. Designed primarily for professionals and broadcast applications. Character generator, Custom background generator, Genlocked teleprompter, 23-pin D SUB in/out connectors with a cable designed for interfacing. Will lock to incoming video or black burst. Also has its own internal sync pulse generator. Adjustments include 360-degree chroma phase, full SC/H Phase control.
Models 701 (NTSC) and 702 (PAL) feature composite in and out and S-VHS output.$1,595.00 *Omicron Video*

Video Hardware



OmniGen 711/712
Same as the above models, but the 711 (NTSC) and 712 (PAL) have full S-VHS input and output (as well as composite). $2495 *Omicron Video*

OmniGen 721/722
These models (721—NTSC and 722—PAL) have all the same features of the OmniGen line but are usable on all formats. The units can be used with any professional or non-professional system as they contain inputs and outputs for all formats: composite; S-VHS, Hi-8mm, Beta-ED, 3/4", 1", BetaCam, M2 and more. $3500 *Omicron Video*

ProGEN
RS-170A, broadcast-quality genlock for all Amigas. Software-controllable. RGB pass-through. $449.95
Progressive Peripherals & Software

RM-2B Professional Genlock For Amigas
The RM-2B is a 19 inch, rack-mountable, professional genlock subsystem and NTSC encoder for the Amiga. It contains a sync generator and full-field color bar generator. A key/mix mode switch and mixing pot is optional, as is a color subcarrier phase adjustment. The RM-2B is used by NASA for their high-resolution Shuttle cameras. For a nominal charge, older RM-2 models can be refurbished at the factory to upgrade them to the performance level of the B version. $2,995.00 *GlennLoc Corporation*

Scanlock
The desktop video system that brings NTSC and S-VHS to the Amiga screen. Includes front-panel fingertip controls, multiple monitor connections for viewing and editing, and independent fade controls for both reference and Amiga videos. The vertical interval switch allows insertion, reversal and removal reference video and Amiga graphics at the touch of a finger.
$995.00 NTSC; $1,095.00 PAL *VidTech*

SuperGen
Genlock and overlay device. Independent dissolve controls, two overlaid outputs, switchable notch filter, accurate lock to VCR output. RGB decoder for true Amiga colors.
$749.95 *Digital Creations*

SuperGen 2000S
A true S-VHS-compatible genlock and overlay card for the A2000 series computers. The SuperGen 2000S installs into the video slot of an A2000 or A2500. Further capabilities are provided through upgrade paths to a frame buffer with time base correction as well as full-color video digitization through the Living Color series of add-on expansion products.
$1,595.00 *Digital Creations*

Video Toaster
The Toaster is a broadcast-quality video computer which sits inside the Amiga. It has 4 VLSI custom chips and its own RAM. It does not use Amiga output, but rather produces its own output. The Toaster will be shipped with a character-generating program, with Toaster Paint (a 24-bit paint program) & Toaster 3D due later this year. The Toaster includes a seven-channel production switcher which will switch between seven stable (i.e., camera or time-base-corrected tape) sources and provide dissolves and wipes. The Toaster is also a broadcast-quality genlock, frame grabber and digitizer. The Toaster is also a DVE (Digital Video Effects) unit with real-time manipulation of live video. Over one hundred pre-programmed effects will come with the first release of the Toaster with more available later. The Toaster also includes dual frame buffers (which will also work with standard 24-bit IFF RGB files such as those produced by Sculpt and Silver. Output from the Toaster is straight, 24-bit, 16-million color, broadcast-quality NTSC. $1595.00
NewTek

•SMPTE•

Interactive Video Kit
This kit for the Amiga videographer contains Sony LDP 1200 Laser Disc Player, Genlock, Sony PVM 1271Q Monitor with VIVA program. Price unavailable. *TV One Productions*

Micro SMPTE
Allows Music-X to synchronize with video or audio tape decks. Connects via parallel interface, includes pass-through. Compatible with all Amiga models. Price unavailable.
Microillusions

TCRG102
Time Code Reader/Generator that does window dubbing. This professional video hardware device assigns and reads individual frame numbers for identification purposes to and from videotape. $799.95 *Microillusions*

•SWITCHERS•

Video Toaster
The Toaster is a broadcast-quality video computer which sits inside the Amiga. It has 4 VLSI custom chips and its own RAM. It does not use Amiga output, but rather produces its own output. The Toaster will be shipped with a character-generating program, with Toaster Paint (a 24-bit paint program) & Toaster 3D due later this year. The Toaster includes a seven-channel production switcher which will switch between seven stable (i.e., camera or time-base-corrected tape) sources and provide dissolves and wipes. The Toaster is also a broadcast-quality genlock and frame grabber. The Toaster is also a DVE (Digital Video Effects) unit with real-time manipulation of live video. Over one hundred pre-programmed effects will come with the first release of the Toaster with more available later. The Toaster also includes dual frame buffers (which will also work with standard 24-bit IFF RGB files such as those produced by Sculpt and Silver. Output from the Toaster is straight, 24-bit, 16-million color, broadcast-quality NTSC. $1595.00 *NewTek*

•TIME BASE CORRECTORS•

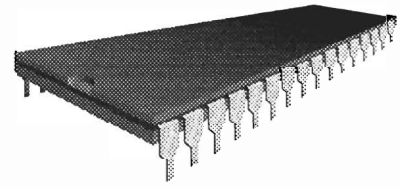
Living Color TBC/Digitizer option
The TBC/Digitizer option gives the Frame Buffer the ability to digitize video in full 16-million-color space as well as act as a video Time Base Corrector. Also included is the ability to shrink or zoom, move and then overlay the digitized video in real time relative to the video input on the SuperGen 2000S board. Inludes Video Artist Workstation software for creating visual effects with the TBC. Price unavailable.
Digital Creations

VMachine
An infinite window Time Base Corrector with a dissolve, overlay and keying system, as well as programmable real-time digital video effects. As incoming video is digitized on channel A, it can be played out again synced with video passing through channel B. It is able to do this with VCR's and requires no other equipment. Features NTSC RS-170A compatible, Y/C compatible (VHS and Beta), Full PaintBox tools, Full Bandwidth sampling and much more.
Price unavailable. *Digital Creations*

•VIDEO PRESENTATIONS SYSTEMS•

Image Processing and Analysis Worksystem
Fully integrated multiformat worksystem that allows for the storage and manipulation of data. Inputs data from photographic material, 35mm slides, VHS or S-VHS videotape, still video, computer graphics, and audio sources. Data can then be manipulated, stored and output to computer, videotape, still video or hardcopy.
$18,000.00 to $30,000.00
Amicore International

Presentation Worksystem
Fully integrated all in one workstation ideal for visual presentations. Inputs data from photographic material, 35mm slides, overhead transparencies, VHS or S-VHS videotape, still video and Amiga, IBM, or Macintosh computer graphics. Data can then be output to large screen monitors, videotape, still video or hardcopy.
$18,000.00 to $30,000.00
Amicore International



MEMORY EXPANSION

2 MB RAM Expansion
2 MB RAM expansion board for use with the Synergy Peripheral systems SCSI host/hard disk interface for the A500. Zero wait states, auto-configuring and does NOT use power from the A500. Uses 256K x 1 DRAMS $269.95
Synergy Peripheral Systems

512K RAM Expansion
1/2.megabyte memory expansion for A500. Available with and without clock calender option. Has on-board switch to switch the memory in or out without removing the board. $99.95 *Datel Computers*

8-UP! (DIP)
FastRAM DIP (Dual Inline Package) is a truly Amiga-specific version of the popular 8-UP! (SIMM). Using MicroBotic's Programmable Macro Logic chips assures a zero wait state/ minimal-refresh-collision memory design. Extremely low-power memory card-8 megabyte 8-UP! (DIP) draws an astoundingly efficient 800 milliamps! All RAM is conventional, socketed 1-megabit by 1, 120ns DIP RAM. For maximum flexibility, memory space is divided into two autoconfiguring devices-PIC's. Each consists of two banks of 16 sockets. Possible memory sizes are 2, 4, 6 and 8 megabytes. $239.00 and up.
MicroBotics, Inc.

8-UP! (SIMM) FastRAM
FastRAM card gives you 8 MB of autoconfiguration space. Uses PopSimms, Microbotics's own memory module to allow users to install their own conventional DIP-style DRAM in standard SIMM sockets on 8-UP. 1megPopSimms allows 8 MB on one card. Either case allows users to install memory chips themselves, allowing maximum flexibility and minimum cost. Power efficient, zero wait state, autoconfiguring design. Supports conventional SIMM memory modules. Provides wide selection of installable RAM configurations, including the important 6-megabyte configuration, by virtue of 8-up's flexible two PIC design. $239 and up
MicroBotics, Inc.

A1050 512K Expansion
Double the memory on your Amiga to 512K in seconds with this 256K Memory Expansion Cartridge. Installs easily behind a panel that snaps off the front of the A500. Allows the use of more sophisticated programs that require more memory. No switch setting; the Amiga automatically adjusts to the presence of the additional memory. $199.95
Commodore Business Machines, Inc.

A2058/2 8MB RAM Board
Two megabyte RAM expansion for the A2000 expandable to 8 megabytes. $799.00
Commodore Business Machines, Inc.

Alegra
Compact memory expansion unit for the A1000. 2 MB. $699.00 *Access Associates*

Amiga 2 MB Expansion for A1000
2 MB memory expansion. Includes pass-through, auto-configuration, and virtual disk software that is protected from boot. Different configurations available for each Amiga model.
$500.00 *Alphanetics*

Amiga 2 MB Expansion for A2000
2 MB memory expansion. Includes pass-through, auto-configuration, and virtual disk software that is protected from boot. Different configurations available for each Amiga model.
$500.00 *Alphanetics*

Amiga 2 MB Expansion for A500
2 MB memory expansion. Includes pass-through, auto-configuration, and virtual disk software that is protected from boot. Different configurations available for each Amiga model.
$500.00 *Alphanetics*

Ammeg I A1000
Memory expansion for the A1000. 1 meg of memory. External. Zero wait state design, auto-configuration under 1.2. Populated board available. 0K Board $163.95 *Kline-Tronics*

AX 1000/AX 2000 RAM Board
The AX1000/AX2000 is an auto-config one or two meg RAM board for the A1000. Both have full pass-through on the expansion bus, allowing multiple expansion devices to be connected, allowing to expand the A1000 system as the need arises. $549.00; $899.00 Canadian
Comspec Communications Inc.

Byte Box
Expands the Amiga's memory to 2MB. Has own power supply. Unpopulated: $299.95; 512K: $399.95; 1 MB: $499.95; 2 MB: $699.95
Byte by Byte

CSI 8800
Minimax-2 internal RAM expansion allows you to expand the A500 up to a total of 2.5 megabytes

Memory Expansion

internally. Minimax-2 expansion board is available in four configuration levels: with 512K, 1 MB, 1.5 MB, or 2.0 MB memory; equivalent to four, eight, twelve, or sixteen inserted 514256 memory chips. Keeps your expansion slot on side free. Expansion RAM disable switch, for older software programs incompatible with extra memory. RAM-test software included. Real-time clock on board with battery backup. Amiga automatically recognizes extra memory.
$179.00 *Centaur Software, Inc.*

DRAM-256-1M
1MB dynamic RAM for the MEM-1139.
$595.00 *Computer Systems Associates*

EXP-1000
1 megabyte, internal RAM board for the A500.
$299.95 with 0K installed or $424.95 w/1 meg.
Progressive Peripherals & Software

EXP-8000+
2, 4 and 8 megabyte expansion board for A500. Has coprocessor sockets for adding a 68010 or 16-25 MHz 68881 coprocessor $399.95 (0K), or $629.95 w/2 MB installed.
Progressive Peripherals & Software

FastRam
FastRam board for the SA-5 host adaptor allows memory expansion to 8 Meg using FastSimm modules. (FastSimm modules may be purchased separately.) For the A500. Order #FR5
$99.95 *Xetec, Inc.*
(please see display ad page 25)

FastRam
FastRam board for the A1000. Order #FR10.
$99.95 *Xetec, Inc.*
(please see display ad page 25)

FastSimm
1 MB SIMM memory module with zero wait-state 100 ns access speed. Order # FTS-001.
Call for price. *Xetec, Inc.*
(please see display ad page 25)

IN1000 1.5MB Internal RAM Expansion
Model IN1000 is an internal memory expansion guard with clock for the A1000. Includes battery-backed time/calender, and is autoconfigurable from 512K to 1.5MB in half meg increments. Available 0K, fully socketed, uses 256K x 1 DRAMS, and includes software support disk with test and utility programs. $289.00
Spirit Technology

IN500 1.5MB RAM Expansion
IN500 for A500 utilizes 256K x 1 DRAMS, 150ns or faster. Expandable from 0K to 0.5MB, 1.0MB and 1.5MB. Operational modes: Autoconfig with RAM on/off or addmem. Addmem adds a full 1.5MB FASTRAM to existing Amiga RAM. Optional plug-in battery-backed clock/calender for $39.00. $289.00 *Spirit Technology Corp.*

Insider for A1000
Adds 1 MB to the A1000. Features FastRAM, clock/calendar, 10-year battery. Fits inside the Amiga case. $375.00; $150.00 with 0K
Michigan Software

Kwikstart Plus for A1000
Gives you an additonal 256K to use when running under the 1.3 system, puts the new Amiga 1.3 Kickstart in ROM. $169.95
Michigan Software

M103 Memory Expansion
256K standard internal expansion for the A1000. Socketed memory; available populated and unpopulated. $149.95 populated; $59.95 unpopulated *MicroBotics, Inc.*

Maxi Megs
2MB internal RAM board for the A500.
Price unavailable.
Memory and Storage Technology, Inc. M.A.S.T
(please see display ad page 9)

MegaBoard 2000
Provides the A2000 with 1 or 2 MB of internal RAM. The MegaBoard 2000 is fully auto-configuring with a high speed discrete RAM controller which provides a no-wait state; uses only one expansion slot and has built-in hardware refresh. Extensive test software and a complete installation manual make the MegaBoard 2000 a snap to install.
$599.95 with 2 MB installed
Progressive Peripherals & Software

MEMORY for Amiga
Memory expansion for the A500, A1000, A2000. For the A500 we offer 1/2 to 8 MB of internal and external (leftside) memory. For the A1000, we offer 1/4 to 8 MB of internal and external (rightside, frontside) memory. And for the A2000, we offer 1/2 to 8 MB of internal memory expansion. $119.95 to $799.95
Skyles Electric Works

Meta4
Meta4 is a 0 wait state memory expansion card for the A2000. Using state of the art SIMM memory modules, either 512K, 1MB, 2MB, or 4MB of RAM may be plugged into Meta4's 4 low profile sockets.The 512K and 1MB increments are available using 256K x 8 SIMMs while 2MB and 4MB increments are available using 1MB x 8 SIMMs. Meta4 measures in at 1/2 the length of a standard Amiga card and is specially designed to fit in their Trumpcard 500 enclosure along with the Trumpcard SCSI disk controller and the SCSI disk drive. Power consumption is kept to a bare minimum with smart refresh circuitry that draws less than 1 amp when fully populated with 4 megabytes of RAM, and fully loaded, Mega4 consumes less than 5 watts. 512K: $329.95, 1MB: $479.95, 2MB: $579.95, 4MB: $949.95
Interactive Video Systems

MiniMegs Plus
8 megabyte external. Fast RAM board for A500 and A1000. 70, 80, or 100 ns compatible with Infinity Machine memory. Can convert to 16 or 32-bit wide memory. 12-month warranty. Price dictated by memory chip pricing.
Memory and Storage Technology, Inc. M.A.S.T
(please see display ad page 9)

MiniMegs™
2 Megabyte external RAM board for A500 and A1000. Snaps onto external bus port. Fast RAM. Zero wait states. Low power pocket size. Autoconfigures. RAM tachometer. 512K, 1MB and 2 MB. 12-month warranty on board. From
$199.00 *Memory and Storage Technology, Inc. M.A.S.T.*
(please see display ad page 9)

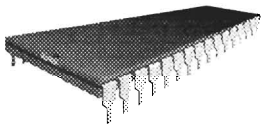
Octabyte
Octabyte is available with 0 to 8 MB (in 2 MB increments). The Octabyte 8 MB board is an autoconfiguring, 0 wait state board. Easy to install. Includes software disk with test and utility programs. $289.00 with 0K
Spirit Technology Corp.

Octo-Plus
8 Megabyte fast RAM for A2000. Zero wait states, Autoconfigure. 2, 4, 6, or 8 MB low power. 12-month warranty. Price unavailable.
Memory and Storage Technology. Inc. M.A.S.T
(please see display ad page 9)

ProRam 1.8
The Imtronics ProRam is a new full A501 compatible memory expansion board for the A500. Populated with 512 K, you can just plug it in the memory expansion slot of your A500 and go, but when you plug in the included adapter socket for the Gary chip, you can populate the ProRam expansion board with up to 1.8 MB full autoconfigurating memory in steps of 512 K. The ProRam works under Kickstart 1.2 or 1.3 and comes with a battery-backed clock. The provided on/off switch prevents you from problems caused by many games.
$149.00 *Imtronics, Inc.*

ProRAM 2000
An affordable 8 MB internal RAM expansion board for the A2000. Power to spare for memory-intensive programs. User-upgradeable in economical 2 meg increments; fully auto-configuring to 2, 4, 6 or 8 MB. Uses affordable 1 MB DRAM chips. Available unpopulated.
$649.95 with 2 MB installed.
Progressive Peripherals & Software

RE 2000
The RE2000 is a full-sized A2000 card that increases system memory up to 2 MB. Available in increments of 0K, 1 meg and 2 megs using standard PC type RAM chips (265K x 1).
$198.00/496.00/799.00
Canadian Comspec Communications Inc.



Memory Expansion

Rejuvenator
For the A1000, the Rejuvenator offers compatibility for the new fat Agnus as well as the new super Denise, 1.4 ROM and a video port as in the A2000. Also adds battery-backed clock. Available 1st quarter 1990. $500.00-$600.00
Expert Services

SIN500
Internal Memory Expansion for A500 The SIN500 is Autoconfigurable from 512K to 1.0MB and 2.0MB. It is 100% compatible with the A501 card and Fatter Agnus. Includes software support disk with test and utility programs. The 2-megabyte SIN board includes an on-board power socket for an optional external power supply, required only if the A500 power supply budget is exceeded by use of several other accessories (eg., hard drives, modems, etc.) $21.00 $289.00
Spirit Technology Corp.

StarBoard 2
Memory expansion for the A1000. Up to 2 MB of zero-wait state auto-configuring FastRAM. Accepts either of two daughterboard modules: The original Multi-Function Module or the brand new SCSI module. Bus-powered. Passes the bus on; A1000 can power two fully loaded StarBoard 2's. $339.00 and up *MicroBotics, Inc.*

StarBoard 2/500
Memory expansion for the A500. Up to 2 MB FastRAM. Includes independent power supply. Accepts either of the StarBoard modules (MultiFunction or StarDrive SCSI module).
$339.00+ *MicroBotics, Inc.*

StarBoard 2/SB 2000 (adapted)
Memory/multifunction expansion for the A2000 (adapted from the A1000 versions). $339+
MicroBotics, Inc.

Supra Drive RAM Expansion Module for A500
2 MB RAM upgrade for A500 Supra Drives or Supra SCSI interfaces. Installs in the interface, powers from hard disk. $399.00
Supra Corporation

Supra RAM 2000
RAM board for the A2000. Easy to expand. Zero wait states and hidden refresh. Four-layer board reduces noise and improves reliability. Made in the USA. Comes with 2, 4, 6 or 8 MB. 4MB: $449.00 *Supra Corporation*

Supra RAM 2000
RAM board for the A2000. Easy to expand. Zero wait states and hidden refresh. Four-layer board reduces noise and improves reliability. Made in the USA. Comes with 2, 4, 6 or 8 MB. 2MB: $449.00 *Supra Corporation*

Supra RAM 2000
RAM board for the A2000. Easy to expand. Zero wait states and hidden refresh. Four-layer board reduces noise and improves reliability. Made in the USA. Comes with 2, 4, 6 or 8 MB. 6MB: 849.00 *Supra Corporation*

Supra RAM 2000
RAM board for the A2000. Easy to expand. Zero wait states and hidden refresh. Four-layer board reduces noise and improves reliability. Made in the USA. Comes with 2, 4, 6 or 8 MB. 8MB: 1,049.00 *Supra Corporation*

ToolBox 2 MB Memory Board
This memory board contains 2 MB of the new 1 megabit chips in dip sockets. Allows expansion up to 8 MB in increments of 4, 6, 8 MB. Guaranteed to work in the ToolBox on either A500/A1000. Low power usage.
$569.95 *Expansion Tehnologies*

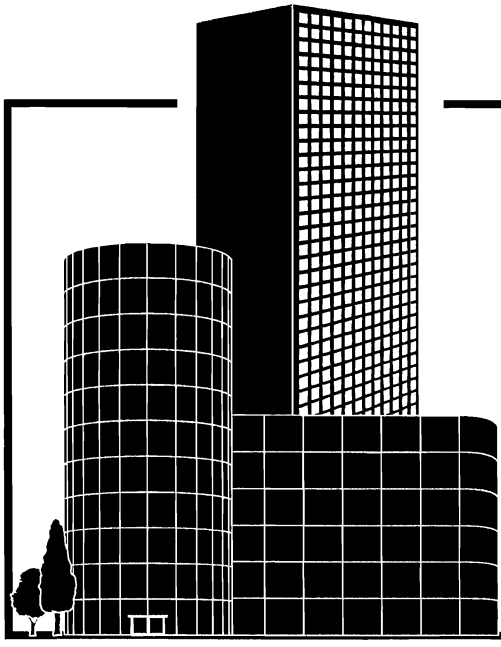
ToolBox Memory Board
This memory board accepts the new 1 megabit chips in dip sockets. Allows expansion up to 8 MB in increments of 2, 4, 6, 8 MB. Guaranteed to work in the ToolBox on either A500/A1000. Low power usage. $239.95
Expansion Technologies

X-RAM, 8.0MB External Expansion RAM
External plug-in board for the A500 and A1000 is the same in all features as the Octobyte. The board is enclosed in low profile Amiga matching metal chassis. Externally powered, DC 110/60 or 220/50 power supply $21.00. $319.00 with 0K
Spirit Technology Corp.

Wiz Ram 2.0
The memory board fits in the place of the A501 and provides 1 meg of chip RAM (with the new fatter Agnus) and also 1.5 meg of fast-slow RAM. Shielded from Radio Frequency and FCC approved. Price unavailable.
Imtronics, Inc.

•32-BIT MEMORY EXPANSION•
(see also ACCELERATORS)

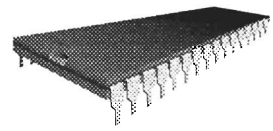
08M2000
Memory board for the H2000 and H2800.
$498.00 *Imtronics, Inc.*



Amazing COMPUTING™ For The Commodore AMIGA®

TOWERING ABOVE
THE COMPETITION

Memory Expansion



DRAM
DRAM controller for H500. $35.00
Imtronics, Inc.

FastPac™ A2000
32-bit SRAM boards utilize up to 1.5 MB of fast, reliable static memory chips. FastPac boards also feature Kickstart 1.2.2 in high-speed ROM, and are designed to avoid fresh conflict problems which could slow down system speed. Interface directly to CSA's proprietary V-Bus CSA's 32-bit 14 MHz SRAM boards operate at twice the frequency of the Amiga's internal memory and out-perform 16-bit 7 MHz RAM by as much as 200%. $1,295.00 *Computer Systems Associates*

Infinity Machine
68030 subsystem for A500 and A1000. Capable of 1 to 64 MB of 32-bit wide memory. Has SCSI controller in base module. 16 to 50 MHz operation. Math coprocessor Kickstart ROM. Will run Kickstart in 32-bit RAM. Plugs into external bus port. Switches between 16 and 32-bit. 12-month warranty. $299.00 Base module including SCSI controller
Memory and Storage Technology, Inc. M.A.S.T
(please see display ad page 9)

MEM-1139
32-bit dynamic RAM board without DRAM.
$695.00 *Computer Systems Associates*

MEM-993
32-bit static RAM board without SRAM.
$595.00 *Computer Systems Associates*

Pico Megs
32-bit, 2-megabyte memory module for M.A.S.T. Infinity Machine. Market Price
Memory and Storage Technology, Inc. M.A.S.T
(please see display ad page 9)

•MEMORY EXPANSION/with Clocks•

A501 RAM Expander
Expansion inboard 512K memory and clock module, expands your A500 to 1 MB and keeps it up to date. $199.95
Commodore Business Machines, Inc.

EXP-512
512K clock/calender board for the A500.
$169.95 *Progressive Peripherals & Software*

Memory Expansion and Clock/Calendar
Increases A500 memory to 1 MB. Allows more sophisticated applications to be run. Fits into the A500 board by a slot in the bottom of case. Contains a battery-backed clock/calendar. Power is supplied by the A500.
Price unavailable.
Commodore Business Machines, Inc.

MICROMEGS
Ultimate low power 512K internal RAM expansion. A501 clone. Uses 1 MB DRAMS. Battery-backed clock/calender. Small size. Fits under A500. User-installable. 12-month warranty. $109.00
Memory and Storage Technology, Inc. M.A.S.T
(please see display ad page 9)

Supra RAM 500
For the A500. Easy-to-install internal 0.5 MB RAM upgrade with clock. Mounts in expansion slot on bottom of case. $99.95 *Supra Corporation*

Trapper, A500 512K RAM Expansion
Trapper features A500 trapdoor 512K expansion card, and quick and easy plug-in installation. It is 100% compatible with the A501 expansion card from Commodore, as well as with the Fatter Agnus upgrade chip. Includes battery-backed time/calender and 256K x 1 and 256 x 4 board versions are available 0K or populated.
$69.00 *Spirit Technology*

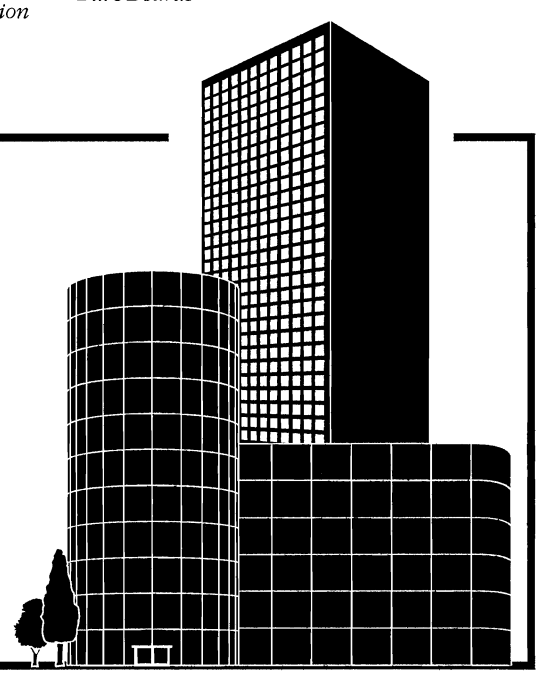
•BATTERY-BACKED MEMORY•

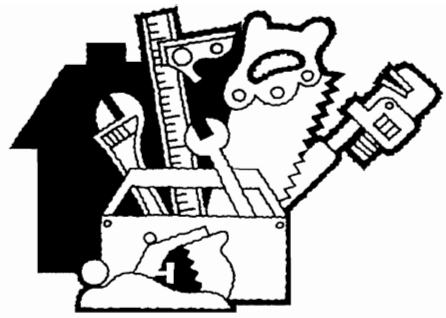
Batt Disk for A2000
Provides a fast, nonvolatile RAM disk that you can boot from. Survives powerdown. Memory sized range from 64K (standard) to 512K. Battery life to exceed 2 years. Will autoboot to FFS. Hardware write-protected to prevent a crash from trashing your data. Possible uses are: Autoboot to a non-autoboot HD; put commonly used programs in Batt Disk to preserve user memory; use for development (i.e., source code in fast, Guru-safe RAM device).
Call for information. *Michigan Software*

Stramdisk
Static RAM card w/battery back up support. Autoconfigures. Auto cold boots. Load up your favorite boot software or operating system. Have it instantly available when you power up or re-boot your Amiga. Available in 0K, 256K, 1MB, and 4MB. Plugs into A2000 or BusExpander™. Available April 1990. Price unavailable.
Bill's Boards

AC's GUIDE To The Commodore AMIGA®

TOWERING ABOVE THE COMPETITION





Miscellaneous Hardware

•BACKUP HARDWARE•

Action Replay
A utility cartridge for the Amiga 500. Action replay plugs into your expansion port allows you to simply freeze just about any porgram. The program in memory can then simply be saved to disk. Use the special infinite life/fuel/ammo generator for most any game. A powerful machine code freezer monitor with many, many other features. $99.00
Coast to Coast Technologies

Synchro Express
Synchro Express is a powerful disk copier, giving you the facility to backup disks using the MFM/TTL techniques used by commercial duplicators. In most cases, copies in under 50 seconds.
$69.99 *Coast to Coast Technologies*

•BRIDGEBOARDS AND EMULATION HARDWARE & ACCESSORIES•

Bridgeboard Speaker Kit
A low-cost, simple solution that enables the PC Emulator to speak, the Brideboard Speaker Kit comes complete with pre-assembled hardware, easy-to-follow, do-it-yourself installation instructions, and a full one-year warranty.
$24.95 *Computers, Etc!*
(please see display ad this page)

Bridge Drive Commander
Gives all Bridgeboard owners direct access to all built-in and add-on Amiga floppy drives from the Bridgeboard (as 720K drives), and direct access to 360K and 720K IBM-compatible drives from AmigaDOS. Bridgeboards can boot from 3-1/2 Amiga drives. Requires no software or memory, and attaches to the internal floppy drive connector rather than taking up a slot. Disk access is fully transparent and automatic. Floppies are completely usable by other Amiga and IBM-compatible computers. Allows low-cost IBM drives to be used as Amiga external drives. DF1 can be made external. Compatible with all software, hard disks, accelerator boards, etc.
$97.50 *MJ Systems*
(please see display ad opposite page)

PC- Elevator 386
Provides 80386-powered PC compatibility to any Amiga with a Commodore Bridgeport, delivering 12 times the speed of Bridgeboard alone. Installs by plugging into a PC-type expansion slot. Includes 1 MB of high speed zero wait state DRAM, as well as RAM disk and disk cache software. The flexible Memory Management utility allows you to use all the memory already in your system, including Bridgeboard memory.
$1,795.00 *Applied Reasoning Corporation*

A-Max
Allows your Amiga to run most Macintosh productivity software. Cartridge plugs into the Amiga's external disk drive port and has connectors for an Apple 800K external drive and additional Amiga drives. Uses all available Amiga RAM during Mac simulation. Includes transfer software to convert files from Amiga DOS to and from A-Max and Mac disk formats. Runs HyperCard and has built-in recoverable bootable RAM disk. $199.95 *ReadySoft Inc.*

A2088D Bridgeboard
Provides 8088 coprocessor system with IBM™ PC/XT compatibility to bridge the Amiga and DOS worlds. Plug into one of the combined Amiga and PC system bus slots to run IBM PC-compatible software while running Amiga tasks. Comes with external 5.25 drive. Up to 3 external floppy drives; 3 IBM-compatible full-size slots available for hard disk controller, communication adapter, graphics adapter. Software: MS/DOS®, GW BASIC® 3.2. Fast dual port memory, full speed CPU access during system DMA. $699.95
Commodore Business Machines, Inc.

A2286D
Bridge the Amiga and MS-DOS worlds. AT Emulator kit comes with internal 1.2 MB 5.25" disk drive. $1,495.00
Commodore Business Machines, Inc.

Amig-a-Tosh
3.5 external MAC floppy drive for use with AMAX by Readysoft or other MAC emulation devices on the Amiga. Plugs directly into AMAX. 100% compatible. 12-month warranty. Slim-line, low powered. $199.00 *Memory and Storage Technology, Inc. M.A.S.T.*
(please see display ad page 9)

Amig-a-Tosh Plus
Macintosh compatible floppy drive which plugs directly into the Amiga. Compatible with several Macintosh software emulators where copyright permits. Has pass-through for an Amiga drive. 12-month warranty. $249.00 *Memory and Storage Technology, Inc. M.A.S.T*
(please see display ad page 9)

Miscellaneous Hardware

•CABLES•

CA-4920 SCSI 2 Drive
SCSI, 50-pin flat ribbon, 36 Daisy Chain $9.00
Benetech Electronic Supply
(please see display ad page 138)

D-23P
23-pin connector, solder type. Specify Gender (Male/Female) $1.50
Benetech Electronic Supply
(please see display ad page 138)

D-23S
23-pin connector, solder type. Specify Gender (Male/Female) $1.70
Benetech Electronic Supply
(please see display ad page 138)

Standard SCSI Cable- CA-4910
SCSI, 50-pin, 24 Flat ribbon cable. $7.50
Benetech Electronic Supply
(please see display ad page 138)

S-View
An S-Video cable for the Amiga. Whether you're recording on Super-VHS, ED-Beta, Hi8 or presenting your Amiga on a large screen, S-Video monitor, you need S-View. Improves image by eliminating cross-color interference inherent in the NTSC composite video system. Reduces shadows, dot crawl and color smear. S-View is compatible with all Amiga S-Video encoders including CMI's V series, C-LTD's C-View II and Communications Specialties' GenOne. Provides an 8-foot cable. $79.95
Software Sensations

Transvestor 1000
Parallel port adaptor cable that attaches to the A1000 to allow the use of products designed for the A500 and A2000's parallel ports.
$19.95 *Amicore International*

•CHIPS•

1.3 ROM
For the A500 and A2000. Contains 1.3 Kickstart
$45.65 *Commodore Business Machines, Inc.*

68020 -16
16 MHz 68020 for H500 or H2000 boards.
$179.00 *Imtronics, Inc.*

68030 -25
25MHz 68030 for H2800 board.
$498.00 *Imtronics, Inc.*

68881 -16
16 MHz 68881 math coprocessor (for all accelerators) $169.00 *Imtronics, Inc.*

68881 -20
20MHz 68881 math coprocessor (for all accelerators) $265.00 *Imtronics, Inc.*

68882 -25
25MHz 68881 math coprocessor (for all accelerators) $549.00 *Imtronics, Inc.*

Fat Agnus Chip
New Fat Agnus will address 1 meg of chip RAM (if available) $130.00
Commodore Business Machines, Inc.

MC68020-12MHZ
12 MHz 68020 processor for CSA accelerator boards. $275.00
Computer Systems Associates

MC68020-16MHZ
16 MHz 68020 processor for CSA accelerator boards. $475.00
Computer Systems Associates

MC68030-16
16 MHz 68030 processor for CSA accelerator boards. $995.00
Computer Systems Associates

MC68881-12MHZ
12 MHz 68881 math coprocessor for CSA accelerator boards. $225.00
Computer Systems Associates

MC68881-20 MHZ
20 MHz 68881 math coprocessor for CSA accelerator boards. $595.00
Computer Systems Associates

MC68882-16
16 MHz 68882 math coprocessor for CSA accelerator boards. $595.00
Computer Systems Associates

MC68882-20
20 MHz 68882 math coprocessor for CSA accelerator boards. $875.00
Computer Systems Associates

MC68882-25
25 MHz 68882 math coprocessor for CSA accelerator boards. $995.00
Computer Systems Associates

SRAM-1M
1MB static RAM for the MEM-993.
$1,295.00 *Computer Systems Associates*

SRAM-512
512K static RAM for the MEM-993.
$495.00 *Computer Systems Associates*

•CLOCKS•

MouseTime for A1000
Battery-backed mouse port clock passes the port through for joysticks and other devices. Uses low-cost AAA batteries. Battery lasts 18 to 24 months. $39.95 *MicroBotics, Inc.*

BRIDGEBOARD USERS!

Don't waste money, slots, or desk space buying extra IBM-compatible or Amiga floppy drives! The **Bridge Drive Commander +** gives you direct access to all your internal and external Amiga drives from the Bridgeboard, and direct access to IBM type 360K and 720K drives from AmigaDOS. **Bridge Drive Commander +** is totally transparent and automatic. Put an IBM type disk in any drive and use it just like on any IBM compatible! Put in an Amiga disk and return to Amiga use! Just that simple, just that fast! One drive can use Amiga disks at the same time another is using IBM-compatible disks. Disks are completely usable by other Amiga and IBM-compatible computers. All hardware, no software drivers to load, no precious memory or expansion slots used up. Plugs onto motherboard at internal drive connector. (No soldering or wiring changes.) Compatible with all Bridgeboards (8088, 80286), SideCar, all accelerator boards (any 680x0), hard disks and other hardware and software.

Bridge Drive Commander + ... **$ 97.50**

MJ SYSTEMS
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(24 hours MasterCard/VISA)
Product names are trademarks of their respective companies.

Circle 134 on Reader Service card.

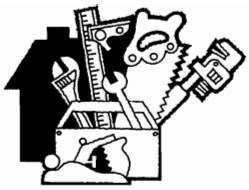
•COMPUTER SYSTEMS•

A2000 Amiga
Features Motorola 68000; 16/32-bit; 1 MB RAM standard (internally expandable up to 8 MB); 256 KB ROM (includes Kickstart 1.3). 1-slot Amiga CPU bus; 5-slot Amiga system bus with autoconfig feature; 3-slot PC bus; 1 video slot. Keyboard with 10 function keys; two-button mouse. Built-in 3.5 disk drive (880 KB formatted); mounting locations for optional 3.5 drive; 5.25 disk drive. Video: 400 lines vertical frequency 60 HZ (B&W NTSC output; analog RGB out; 4 independent sound channels; built-in English text-to speech device, much more.
$1,899.00
Commodore Business Machines, Inc.

A2000HD Amiga
Same as the A2000 but with a built-in 40 MB hard drive. $2,699.00
Commodore Business Machines, Inc.

A2500 Amiga
The same as the A2000HD but with 14.3 MHz 68020 (in addition to the 68000). 1 MB 16-bit RAM and 2 MB 32-bit RAM. Also has a built-in 40 Meg hard drive$3,999.00
Commodore Business Machines, Inc.

A2500/30 Amiga
The Amiga 2500/30 comes standard with a Motorola 68030-based coprocessor card running



Miscellaneous Hardware

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at 25 MHz with 2 MB of 32-bit RAM (expandable to 4 MB) and features a 25 MMHz 68882 math coprocessor, a 68851 memory management unit, 1 MB of 16-bit chip RAM; a built-in 880K 3.5-inch floppy disk drive; a pre-configured, high performance 40 MB hard disk drive and autobooting SCSI hard disk controller; custom sound, animation and graphics chips; RS232 serial and parallel connectors; and two RCA-type audio output jacks. Special features that give users an unparalleled flexibility advantage are two optional bridgeboards allowing the A2500/30 to run both MS-DOS® hardware and software. Amiga A2000 family owners can upgrade their existing machines by purchasing a 2630 card from an authorized dealer. $4699.00
Commodore Business Machines, Inc.

A500 Amiga
Features Motorola 68000; 16/32-bit; 512 KB RAM standard, 1 MB RAM with optional internal memory expansion A501. Externally expandable to 8 MB RAM (with AutoConfig). 256K ROM (includes Kickstart 1.3). Keyboard includes 10 function keys, two-button mouse Drives: built-in 3.5 disk drive (capacity 880KB formatted); maximum 1 external 3.5 drive and 1 additional 5.25 drive. Video: 400 lines; graphic coprocessor with beam synched draw. 4 independent sound channels, sound buffer, much more.
$799.00 *Commodore Business Machines, Inc.*

Future Touch Integrated Touch Screen Systems
Kiosk containing A2000 computer, 3 1/2 floppy drive, 1 meg RAM and 13 Color RGB Touch Screen Monitor. Kiosk stands 4' tall and occupies 20 x 21 foot print. The kiosk houses all equipment, including monitor and has its own separate surge protector on/off control and fan for increased reliability. The package comes with all the software necessary to provide touch input as an alternate to mouse input.
$3,495.00 *Amigo Business Computers*

Profit Enhancement Center
Provides all hardware and software for POS, inventory control and full accounting.
$3,599.00 for 1 POS station w/ cash drawer; $6,999.00 for 1 POS & 1 back office station.
Clockwork Computers

•EDUCATION•

Amiga Video Microscope System
Special microscope/interface plugs into genlock to be used with titling or paint software to enhance presentations in science classroom. Comes with classroom activities. Call for information. *Mr. Horan's Computer Lab*

Light Writer Overhead Projection System
Overhead projection system that includes stylus driven pad for overwriting/enhancing projected video. Ideal for corporate training and educational settings. Call for information.
Mr. Horan's Computer Lab

•ENTERTAINMENT HARDWARE•

Hot Stuff®
Choosing your personalized color may be your toughest decision with Hot Stuff®, a highly interactive joystick that will improve the precision of your play as well as your scores. Grab hold of the Pistol-Grip and fire away. The handle is topped off with two trigger buttons with a second set of fire buttons located on the base. Hot Stuff® sports an auto-fire switch as well as four super suction feet on its base. Available in pink, blue, green, or yellow.
$10.99 *Beeshu, Inc.*

Stik-Gripper™
Stik-Gripper™ is a solid steel joystick clamp which is totally adjustable to fit a wide variety of joysticks. It allows one-handed joystick operation by clamping the joystick to a table top. Excellent for those games requiring both keyboard and joystick control (flight simulators, etc.) as you can control both at the same time, thus giving games that true arcade feel.
$18.95 *Duggan DeZign, Inc.*

Ultimate Superstick®
The Ultimate™ Superstick is an Arcade style Controller that features 8 directional micro switch controls and 2 independent Dial-A-Speed™ autofires-permitting as many as 30 shoots per second! The Ultimate™ also comes with two sets of fire/jump buttons, each with its own operating L.E.D., making it versatile for left and right handed players. The Ultimate™ has five suction cups allowing it to be mounted firmly on any smooth surface, and comes with a 10-foot cord allowing the gamer to play from a greater distance. $39.95 *Beeshu, Inc.*

Zoomer™
Zoomer™ is a console-type controller that was designed to improve scores in every type of playing situation: Cycles, 4 Wheelers, Racing games, and Air Combat games. The wheel can be turned right or left and can be tilted up or down, with 2 Dial-A-Speed auto-fire buttons built into the handle. A 10-foot cord and four super strong suction feet allow for easy mounting on any smooth surface. $49.95 *Beeshu, Inc.*

4-Player Adaptor Cable
Connects up to four joysticks at one time. You can play two players against two, or field a team of up to three against the computer. To be used with MicroDeal's International Soccer, Leatherneck, and other future games.
$14.95 *MicroDeal*

Actionware Light Phaser
The first light gun for the home computer entertainment market. Designed to work with such action-packed games as Capone, P.O.W., Creature, and more. More light gun games are under development. $49.95 *Actionware*

Dual Gun Adaptor
The Dual Gun Adapter is designed specifically for Actionware games which use the Actionware Light Gun. By using the Adapter the player can use two guns at once or allow a partner to join in the fun. For A500 and A2000 only.
$39.95 *Actionware*

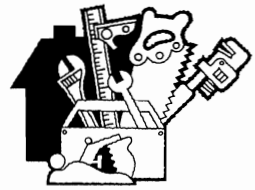
Uzzi Interface
Makes gaming more fun. Plugs in between your computer and your joystick, and allows you to switch between standard and rapid-fire mode. In rapid-fire mode bullets (or whatever ammo being used) will rain down upon your enemy. Adjust fire rate from 1 to 20 times per second.
$34.95 *Micro Momentum, Inc.*

•ENTERTAINMENT/Joysticks•

Starcursor Professional Joystick System
A professional-quality joystick. Manufactured in Australia by a company world-famous for their professional arcade joysticks. Switchable 4-way and 8-way action. Complete with 3-year warranty. Works with all Amigas, Commodore 64's and 128's as well as Ataris. $49.95
Micro Momentum, Inc.

EPYX 500XJ Joystick
Compact joystick with special grip and trigger-finger firing. $19.95 *EPYX*

Miscellaneous Hardware



Ergostick
A soft, pliable ergonomically engineered joystick that comfortably fits your hand. State-of-the-art micro switches, super sensitive touch control. Available now. $24.99
Suncom Technologies

Powerplayers Joystick
Trigger-style joystick that allows easy maneuverability and rapid firepower.
$29.95 *Mindscape Inc.*

Tac-30
A competition grade joystick featuring fixed auto-fire and three fire buttons for speed, comfort and better reaction time. Has silent micro-switches and precision, aircraft-style grip.
$16.99 *Suncom Technologies*

Tac-50
A competition grade joystick, featuring variable auto-fire and 4 fire buttons for speed, has digital microswitches array technology, providing tactile and audible feedback. Includes trigger fire grip for precise control. Lifetime warranty.
$19.99 *Suncom Technologies*

The MouseStick Controller
Supports two-way communication through the ADB port, and has a full cdev (control panel device). The cdev allows the user to save custom settings for the MouseStick by application. The MouseStick consists of two components: an optomechanical joystick with 1200 count resolution, coupled with a seperate controller unit called the GMPU. The improvements in the new MouseStick are contained in a new ROM chip, meaning that owners of the earlier version of the MouseStick can easily upgrade (free of charge) simply by replacing their existing chip.
$129.95
Advanced Gravis Computer Technology Ltd.

•EXPERIMENTAL HARDWARE•

Link-Interface
Auto-config and can be used together with other transputer boards. Designed to also be used as an experiment board. There is even an auto-config chip-select provided for your own circuitry. Compatible with the INMOS B004 development board. Including AFSERVER software.
399 Deutche Marks
Advanced Computer Design

N.E.S AM300A Amiga 500/100 Prototyping Board
Prototyping board for use with the A500 or A1000. Same specs as AM-200A Protoyping board. $49.95 *N.E.S. Corp.*

N.E.S. AM-400A Amiga 2000 Video Slot Prototyping Board
Prototyping board for use in the A2000 video slot.
$59.95 *N.E.S. Corp.*

N.E.S. AM200A Amiga Protyping Extender Board
Prototyping board for use with the A2000.
$49.95 *N.E.S. Corp.*

N.E.S. AM201A Amiga Protyping Extender Board
Extender board for use with AM-200A Prototyping board. Price unavailable.
N.E.S. Corp.

N.E.S. AM400A Amiga 2000 Co-Processor Protoyping Board
Protoyping board to use in the A2000 coprocessor slot. $59.95 *N.E.S. Corp.*

Zorro II Prototyping Board
Prototyping board for the A2000. Allows developers, engineers, and dedicated hobbyists to build, test, and debug custom hardware before developing a custom printed circuit board. Two-sided board designed for maximum flexibility and has over 4400 plated through holes on a 0.1 grid. Main prototyping area accepts IC's in DIP packages with as many as 64 pins and IC's in PGA packages as large as 14 x 14 pins. I/O connector pattern and mounting bracket designed for D connectors with up to 25 pins. $49.95
Celestial Systems

•FAX/SSTV•

Amiga Video Terminal (AVT) System
The AVT system utilizes the graphics capabilities of the Amiga to transmit and receive high resolution facsimile and slow-scan television images. Received images can be printed on any Amiga printer or saved on a disk file. A unique capability of the AVT mode is the 400 Hz bandwidths, instead of the conventional 1100 or 1200 Hz SSTV bandwidths. If used in conjunction with a CW filter and IF shift, this drastically improves the signal-to-noise ratio enabling clearer reception of weak signals. Further, all video information is crystal-locked at both the transmitting and receiving stations at the start of each frame eliminating misalignment. Another unique feature of the AVT system is its ability to send high-speed color images over the one lines to similarly equipped AVT system stations. There's also telephone ring detect and auto answer. $299.95
Advanced Electronic Applications, Inc.

•GRAPHICS HARDWARE•

MindLight 7
Combined with Visual Aurals I graphic arts software generates real-time animated graphics that derive their energy from any music or other audio source. Music affects the color, movement, object shapes, and patterns in a number of different ways. Can be combined with any IFF picture in any resolution or any IFF brush. Also combines with LIVE! by A-Squared. Includes a oscilloscope and a frequency counter for analyzing, and a MIDI player and recorder which accepts IFF music files or files compatible with Dr. T's Music Software $198.00
Visual Aural Animation

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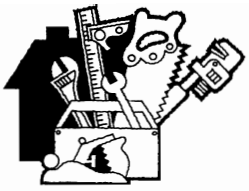
X-Specs 3D
Through these advanced high-speed liquid crystals your computer can now independently control what each eye sees. The result: stereo vision. Add new depth to presentations, CAD/CAM, and molecular or solids modelling. Play games with more realism than ever imaginable. Includes hardware and software; plugs into joystick port $124.95
Haitex Resources

•HOME SECURITY HARDWARE•

Intruder Alert
Allows your computer to become a monitoring, logging, or security system for your home or business. The system comes complete with everything you need for remote sensing including detector switches and wire. Intruder Alert Monitor software allows for digitized audio alarms, speech synthesis, modem interaction, date and time stamping of events, external program launching, and utility support for BSR/X-10 controlling. $159.95
Software Terminal



Miscellaneous Hardware

•INPUT DEVICES/Graphics Tablets•

AProDraw 12 x 12 inch Graphics Tablet
AProDRAW graphics tablets feature high-resolution Summagraphics digitizing tablets with a 2-button stylus and a multitasking driver for the Amiga. Additional program allows user to scale the tablet or screen while working to enlarge or reduce a picture. Interfaces through the serial port. Active area is 12 x 12 inches.
$549.00 *R & D L Productions*

AProDraw 18 x 12 inch Graphics Tablet
AProDRAW graphics tablets feature high-resolution Summagraphics digitizing tablets with a 2-button stylus, 4-button puck and a multitasking driver for the Amiga. Additional program allows user to scale the tablet or screen while working to enlarge or reduce a picture. Interfaces through the serial port. Active area is 18 x 12 inches. $999.00
R & D L Productions

AProDRAW 9 x 6 inch Graphics Tablet Package
Up to 1000 lines per inch. Interfaces through the serial port. AProDRAW graphics tablets feature high-resolution Summagraphics digitizing tablets with a 2-button stylus and a multitasking driver for the Amiga. Additional program allows user to scale the tablet or screen while working to enlarge or reduce a picture. Interfaces through the serial port. Active area is 9 x 6 inches.
$449.00 *R & D L Productions*

Easyl A1000
1024 x 1024 pressure-sensitive digitizer for art, animation, design, CAD, map making, and touch control applications. Allows user to draw or trace directly into the Amiga with an ordinary pencil on paper. Works with all 1.2 Amiga programs with the Amiga mouse and easel operating simultaneously. $449.00
Anakin Research, Inc.

Easyl A2000
1024 x 1024 pressure-sensitive digitizer for art, animation, design, CAD, map making, and touch control applications. Allows user to draw or trace directly into the Amiga with an ordinary pencil on paper. Works with all 1.2 Amiga programs with the Amiga mouse and easel operating simultaneously. $499.00
Anakin Research, Inc.

Easyl A500
1024 x 1024 pressure-sensitive digitizer for art, animation, design, CAD, map making, and touch control applications. Allows user to draw or trace directly into the Amiga with an ordinary pencil on paper. Works with all 1.2 Amiga programs with the Amiga mouse and easel operating simultaneously. $399.00
Anakin Research, Inc.

IS/ONE
A total input tablet for the Amiga with interface kit and programmable menu-strip featuring 5 Program Softkeys and up to 23 Function Softkeys to execute batches of your pre-programmed keystrokes with one touch. Allows instant switching from application to drawing to menu picking. Available with corded cursor, cordless pen or cursor, or two switch pen, or with corded 12-button cursor. Tablet sizes: 8.5 x 11, 12 x 12, 12 x 17. Also includes IS/PENCRAFT software driver. When ordering, specify Amiga Interface Kit. $525.00-$995.00 *Kurta*

IS/PENMOUSE
Comes with 6 x 9 tablet with interface kit. Available with cordless pen or cordless cursor. Features Kurta's dynamic scaling to miniaturize/maximize the active area. When ordering, specify Amiga Interface Kit. $395.00 *Kurta*

4-button puck
Input device for the graphics tablet.
$50.00 *R & D L Productions*

The Amiga Light Pen
2-button touch switch pen with transparent driver. Allows user to choose pen, mouse, or both for hi-res precision graphics. Operates in both interlace and non-interlace modes. When used with graphics programs, the Light Pen gives data entry the simplicity of pencil and paper for drawing, painting, and free-hand sketching on the computer, as well as the precision required for CAD. Dealer discounts available.
$129.95 *Inkwell Systems*

•INPUT DEVICES / Keyboards•

Freedom 500
The Freedom 500 for the A500 gives your freedom of movement, and because the face plate can be us as a copy holder, an A500 with a Freedom 500 gives y0ou some desk space back. The Freedom 500 detachable keybaord is a kit that uses the A500's own built-in keyoarc. Featured include: all metal construction, light weight metal that won't rust, rubbder feet that won't scratch furniture and precisison crafted, hand-inspected high quality. Also, the Freedom 500 is colored and textured to match the A500, and requires no soldering or drilling to install. $115.00
Lightning Bolt Computers

•INPUT DEVICES/Mouses•

Amiga MOUSE
Compatible with all Amigas. $74.95
Bethesda Softworks

BOING ! Mouse
A high-quality replacement mouse for the Amiga computer. No moving parts to wear out. Comes with special Mouse pad. It has three buttons for use by new software. 1-year warranty.
$125.00 *BOING*

Genius Mouse
High-quality direct replacement. Teflon glides for smooth movement. Rubber-coated ball for positive traction. Six-foot connecting cable. Softer more positive button clicking.
$49.95 *Datel Computers*

CSI 5500
Smooth optical mouse for all Amigas. Double the resolution of the standard mouse for better precision. Supports X-Windows, Amiga Unix and Workbench 1.4. The only optical mouse available for the Amiga. No moving parts to wear out. Smooth mouse movemnet.
$149.00 *Centaur Software, Inc.*

Amiga Trackball Controller
2-button trackball controller, compatible with all Amiga mouse software. $49.95
Zebra Systems Inc.

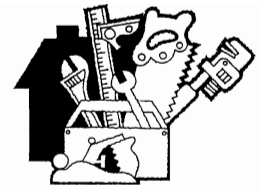
•INPUT DEVICES/Touch Screens•

Future Touch 13 Analog RGB Monitor Touch Screen Kit
Touch driver software works with 13 touch screen to convert a standard Commodore 1080, 1084, 1084S and 1084DS to touch screen monitors. The modified monitor outputs a serial data stream on an RS-232 connector. The Amiga reads this data as a mouse input.
$799.00 *Amigo Business Computers*

Future Touch Integrated Touch Screen Monitors
Monitors come with Touch Driver Program which works with all authoring software including: VIVA, CanDo, UltraCAD, The Director, C.L.A.S., The Learning Curve, and Microtext. The monitor inputs touch information to the the Amiga's RS-232 serial port. Additional serial ports for the A2000 are available (comports). 13 RGB monitor: $1,099.00; 19: $2,995.00 *Amigo Business Computers*

Future Touch Integrated Touch Screen Systems
Kiosk containing A2000 computer, 3 1/2 floppy drive, 1 meg RAM and 13 Color RGB Touch Screen Monitor. Kiosk stands 4' tall and occupies 20 x 21 foot print. The kiosk houses all equipment, including monitor and has its own separate surge protector on/off control and fan for increased reliability. The package comes with all the software necessary to provide touch input as an alternate to mouse input.
$3,495.00 *Amigo Business Computers*

Miscellaneous Hardware



•MODEMS•

A1680
1200 Baud Modem. Access valuable information outside your workstation with the MODEM/1200 RS. Uses the popular Hayes command protocol to perform high-speed data communication over phone lines. Tap all major information networks to gather nearly limitless information. Supports standard RS232C interface so that it can be used with most computers on the market that offer an RS232 serial port. Offers the option of low speed compatibility with all Bell 103, 300 baud modems. $149.95
Commodore Business Machines, Inc.

Avatex 1200 E
Fully Hayes-compatible 300/1200 baud modem. Includes communications software.
$69.00 *Megatronics*

Avatex 2400 E
300/1200/2400 fully Hayes-compatible modem. Includes communications software.
$119.00 *Megatronics*

Baud Bandit 2400
2400 baud, fully Hayes AT compatible modem. Has fully worded LED readout panel and privacy circuitry shielding. Sleek, black exterior design.
$169.95 *Progressive Peripherals & Software*

Baud Bandit MNP/Level 5 Plus
Advanced 2400 Baud modem with 100% error-free transmission. MNP/Level 5 compression technology doubles transfer rate up to 4800 baud. $249.95
Progressive Peripherals & Software Inc.

Minimodem-AM24
2400 Baud modem specifically built for A500 and A2000. Powered from Amiga serial port and includes self test, speaker and status LED's. Complete with terminal software, phone cord and serial cable. $99.95 *APROTEK*

Minimodem-AM6216
300/1200 baud modem includes speaker with volume control and status indicator LED's. Hayes-compatible with terminal software.
$74.95 *APROTEK*

Supra Modem 2400
2400 baud modem. Hayes-compatible with AT commands and common protocols. Features nonvolatile memory, more. $149.95
Supra Corporation
(please see display ad rear cover)

Supra Modem 2400 zi
Internal 1/2 card 2400 baud modem for A2000. Hayes-compatible. Features non-volatile memory, more. Supports up to 5 modems per computer.$179.95 *Supra Corporation*
(please see display ad rear cover)

1670 Stand-Alone Interface
Our 1670 Stand-Alone Interface allows you to use the Commodore 1670 modem on all Amiga machines. Powers itself and 1670, has 3-foot cable, status LED's, on/off switch, and modem reset switch. Can be used on any computer that has RS-232 serial port. The 1670 Stand-Alone Interface comes with complete instructions and is easy to set up and use. $44.95
LRA Enterprises

Supra Modem 2400 Plus
Supra Modem 2400 Plus adds MNP levels 2-5 & CC1TT V.42-bis error correction & data compression protocols to standard Supra Modem 2400 features. These protocols let the user get up to 9600 baud, error-free throughput when communicating with modems with the same protocols. $199.95
Supra Corporation
(please see display ad rear cover)

•MONITORS•

A1084S Monitor
RGB composite color maximizes your computer's video capabilties. High resolution, sharp image and superior color, stereo sound. Compatible with C64, C128, A500 and A2000. Also compatible with VCR and television tuners. Hue, brightness, contrast, sharpness, and volume controls in front. RGB Composite switch in front. Built-in stereo amplifier, speaker, and earphone jack. Analog RGB, Digital RGBI, NTSC composite, audio, and Separate Luna/Chroma.
$399.95 *Commodore Business Machines, Inc.*

Viking I
The Viking I monitor from Moniterm is a specialized high-resolution monitor. The Viking I will display all standard Amiga resolutions by de-interlacing and converting them to four shades of grey. In the extended mode, the 19" monitor will display a 1008 x 800 non-interlaced resolution. Included with the Viking I is a card for the A2000 series video slot. The monitor will also display from the new Commodore Enhanced Chip Set. The Viking 1 for the A2000 targets business and professional users for desktop publishing, CAD/CAM engineering workstations, presentation, and spreadsheet applications. This display permits of two full facing pages of text and graphics for desktop publishing, word processing, and B size drawings. $1,995.00 *Moniterm*

•MONITORS/Accessories•
(see also VIDEO HARDWARE)

Air TTL Hi-Res monochrome TTL monitor interface
Use a standard and inexpensive monochrome TTL monitor on the Amiga. Excellent for word processing and desktop publishing.
$49.95 *Advanced Integration Research*

Color Enhancement Filter
Improves color and contrast while eliminating screen flicker. Improves monitor appearance by producing black out appearance. Free brochure.
$19.95 *Gladstone Productions*

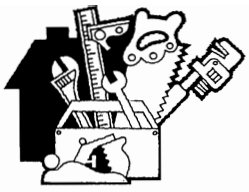
Flick-Off
For A500 and A1000. Eliminates hi-res flicker. Requires multisync monitor. Includes 1.5 MB Video RAM. May be switch disabled. Several options including shrink mode and double display. Plugs into Denise socket. User-installable. 12-month warranty.$399.00
Memory and Storage Technology, Inc. M.A.S.T
(please see display ad page 9)

Flicker Master
Flicker Master is a low-cost optical filter that attaches easily to the face of your monitor and greatly reduces the interlace flicker. Flicker Master works with all Amiga models and also greatly enhances contrast in all resolutions.
$17.95 *T.S.R. Hutchinson Co.*

NoRad dB60
Anti-glare/Static/Radiation Filter Grounded filter reduces flicker in high-resolution or interlace mode. Grounded for full elimination of static and electromagnetic radiation. Won't attract dust or reflect light. Easy maintenance.
$129.95 *Brookfield Communications*

ProfessionalPlus
Glare/Guard® filters are especially suited for data entry and editing terminals, color and monochrome graphics monitors, word-processing stations and personal computers, and the top-of-the-line ProfessionalPlus model has OCLI's patented anti-glare coating on both sides of the glass to reduce glare by 99 percent. Also features radiation and static control. A special conductive coating and grounding plug eliminates static and dust. The filter also shields against VLF/ELF radiation by neutralizing 98 percent or more of the electric field. Sizes are available to fit the Amiga 1080 and 1084S models.
$99.00 *Optical Coating Laboratory, Inc.*

Vantage
The Vantage, also made of tempered glass, but without the anti-glare coating on the back surface of the glass or the conductive coating, reduces glare up to 95 percent. In addition, it enhances contrast, sharpens data on the screen, reduces the halo effect, and eliminates screen flicker. The Vantage has sizes to fit the Amiga 1080 and the Amiga 1084S. $59.00
Optical Coating Laboratories, Inc.



Miscellaneous Hardware

•NETWORKING•

Amiga 2000 AmigaNet Ethenet Board
With the Hydra Ethenet board the Amiga now has a full standard Ethenet connection. All Amigas can be connected in one network and share all the resources each of the Amigas in the net can provide. Several Amigans can use a single laser printer or access a large capacity hard disk. Users can also chat to each other and exchange programs. The AmigaNet (the Ethenet on the Amiga) is as fast as the fastest hard disks on the market. In addition, the software that is supplied with the board was written by the creators of AmigaDOS and Helios. There is also an AmigaNet Starter Package available for $1,299.00. $699.00
Advanced Computer Design

CAL 032 Superlink
A2000 interface internal plug-in card. Supplied with CatenaNet software, which provides a print spooler, access to remote files and peripherals, and interworks with SimpleNet. Price unavailable. *Nine Tiles*

CAL 042 Superlink
A500 interface. Plugs into expansion connector on side of A500. Supplied with CatenaNet software. Price unavailable. *Nine Tiles*

•PORT EXPANSION•

A2232
The A2232 is a multi-serial port card that provides the Amiga user seven additional RS232 ports. Each port can operate independently and simultaneously and provides speeds up to 19.2 KBaud. Additionally, the A2232's shared on-board RAM and dedicated micro-processor provides high-speed operation and full multitasking which is critical for many of the sophisticated applications that have been developed on the Amiga. $399.00
Commodore Business Machines, Inc.

ACD Serial Interface Boards 2 & 4
Fits into one of the 100-pin expansion slots. Gives you two additional serial ports for a large variety of applications. Connect several printers, plotters, and scanners to your Amiga simultaneously. Auto-config and takes only a 64K address range. Driver software and terminal program are shipped with the Serial Interface Board 2. SIB2: 299 Deutche Marks; SIB: 4,349 Deutche Marks
Advanced Computer Design

AX-S Expansion System
A hardware adaptor/interpreter that interfaces the Amiga Bus Structure/Expansion Port to the PC industry's PC/XT and AT Bus standards. AX-S Interface Board allows Amiga and AmigaDOS to utilize the low cost cards available for PC/XT and AT systems. AX-S connects Amiga's Bus/Expansion Port to a chassis with a heavy duty 200W power supply, ventilation fan, 7 plug-in slots, 6 PC/XT-AT bus slots and one OCTABYTE MB RAM expansion slot, multiple peripheral drive bays, hard drive power connectors and an optional power cord for A500. Included with the chassis motherboard is the AX-S Interpreter board with DMA controllers, InterRupT controllers DATA buffers and Amiga Bus to PC/XT-AT Bus buffer drivers.
Price unavailable. *Spirit Technology Corp.*

BusExpander™
Sub Assemblies turn a baby AT box and power supply into A2000 compatible expansion chassis. Has six Amiga slots and six to eight IBM slots. Supports autoconfigure, bus arbitration and bus contention detection. $495.00
Bill's Boards

Comports 4, Comports 8, RS-232 Communications Interface
Comports enables an A2000 to function as a true multitasking workstation supporting devices which work with RS-232 serial ports such as modems, laser disks, video equipment, printers, tablets, etc. The communications compatibility list includes all programs which call the Amiga's Serial Device and other programs which use the board's advanced communication features. Upgrades to support full MIDI are planned. Networking software in Beta test. 4 Channels
$299.95 *Amigo Business Computers*

Dual Serial Board
ASDG's DSB provides a complete expansion serial port solution including compatible EXEC and DOS drivers. The DSB can be used to drive most PostScript printers at 6 times their normal serial speed. The DBS is compatible with every serial communications program tested including AtalkIII, IDS Multiboard, Access, VT100, Comm, Whap. $299.00 *ASDG Inc.*

PrInterface
PrInterface is a cost-effective solution to the problem of where to connect a printer by adding a second centronics compatible parallel output port to the A500, A1000, or A2000 and redirecting all printer data bound for the Amiga's parallel port to the PrInterface port. No more cable swapping, switch throwing, or digitizing noise. When it's time to digitize, the digitizer software talks directly to the digitizer. When it's time to print, the system talks to the printer through PrInterface. More than just a switch, PrInterface supports full Amiga multitasking allowing you to print while the Amiga's parallel port is in use. And PrInterface works through Preferences, assuring full compatibility with all printers supported by the system. $79.95 *Interactive Video Systems*

The Serial IV+Card
Multiple serial card with four serial ports, and one parallel port. Any of the serial ports can be used as MIDI ports with no modifications. Available 1st quarter 1990. $299.95 *Expert Services*

Microshare MCS 1050
The MC5 1050 interface is an external device that converts the Amiga's centronics port signals into IEEE 488. No software is needed, this unit is fully transparent to the user. Now you can finally use that old Commodore pet printer or any other IEEE printer that was just sitting around.
$204.56 Canadian
Comspec Communications Inc.

SBX-Serial/2
Two RS 232C Serial Ports, a two channel full-duplex asynchronous serial communications controller with RS 232C drivers on an IEEE 959 (iSBX) module. Complete and independant control is provided for each channel, including baud rate generation. Standard transfer rates from 110 to 76,800 baud are supported. Each channel supports full seven wire handshaking, plus Data Carrier Detect and Ring Indicator. Comes with complete Amiga software.
$199.00 *ASDG Inc.*

Serial Expander 2000
Adds an A1000-compatible serial port to the A2000. This product will be of interest to users who have upgraded from the A1000 to the A2000. It will allow them to use any of their existing serial devices designed for the A1000 (such as MIDI interface) on the A2000. $19.95
Golden Hawk Technology

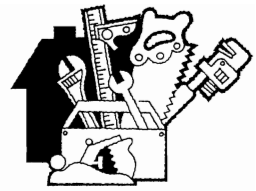
The Serial Solution
Contains all the features you need for serious multi-port applications. The included software drivers are compatible with the standard Amiga devices and handlers. Contains 1 Amiga-compatible 25-pin serial port which accomodates specialized Amiga peripherals like MIDI interfaces. And 1 AT-compatible 9-pin serial port that will support non-Amiga peripherals, like laser printers and FAX machines. Supports MIDI and standard baud rates. $199.00 *Checkpoint Technologies*
(please see display ad opposite)

Twin-X General Purpose I/O Board
Full Zorro II Amiga-compatible Amiga expansion card that hosts two standard IEEE 959 modules or one double-wide IEEE 959 module. The Twin-X is completely standard IEEE 959 host. Gives the Amiga access into applications it was previously denied access to. Can be used with any of the hundreds of IEEE 959 modules avaliable, such as IEEE-488 (GPIB) or other data acquisition functions. $329.00 *ASDG Inc.*

•PRINTERS•

DeskJet
A 300 dpi monochrome ink jet printer. Print quality just short of laser quality.
$795.00 *HewlettPackard Company*

Miscellaneous Hardware



DeskJetPLUS
An updated version of the DeskJet, offers 300 dpi monochrome, ink jet printing. This serial printer prints at 120 cps offering graphics at 1-2 minutes per page. The DeskJet PLUS offers better paper handling and faster processing than the original DeskJet. $1,495.00
Hewlett Packard Company

M.A.S. Terprint
300 D.P.I. Desktop page printer with Fujitsu engine, LED technology for increased reliability, and small footprint (only 16 1/2 x 16 1/2). The M.A.S. Terprint also sports a dual paper feeder and is HP-PLUS-compatible. $1,395.00
Memory and Storage Technology, Inc.
M.A.S.T

M.A.S. Terprint PS
This is the POSTSCRIPT version of the page printer. It has 35 fonts and 2 meg of RAM (optional 4 meg). Additional POSTSCRIPT font cartridges can be plugged into the printer. Includes Appletalk, Centronics and Serial Interface. MASTerprint can be upgraded to MASTerprint PS anytime — let's you save up for POSTSCRIPT. $2,995.00
Memory and Storage Technology, Inc. M.A.S.T

PaintJet Color Graphics Printer
With a high-resolution 180 dpi, the PaintJet offers color printing for the Amiga. Near-Letter-Quality (NLQ) mode offers printing as fast as 167 cps. Amiga Workbench 1.3 supplies a printer driver. Supports all Amiga resolutions and modes.
$1,395.00 *Hewlett Packard Company*

PaintJet XL
Similar to the PaintJet Color Graphics but offers printing three times as fast. Also allows single sheet feed as well as tractor feed and paper sizes up to 11 x 17 inches.
$2,495.00 *Hewlett Packard Company*

XR-1000 Multi-Font
A nine-wire 10 carriage model printer, offers extensive choice of fonts including Courier, Script, Sans Serif, Letter G, Cinema and others. Incorporates the Epson EX-800 and the IBM Proprinter II emulations. Prints at 300 characters per second in draft elite mode and 75 cps in near-letter quality (NLQ) elite mode. Features standard 32K buffer which enables storage of up to 16 pages. Users can select fonts, print quality, pitch, condensed print, italic, optional sheet feeder, quiet mode plus many more options. It can produce multi-color output using an optional color-printing kit offered for $50.00.
$579.00 *Star Micronics Inc.*

XR-1500 Multi-Font
A nine-wire 15 carriage model printer, offers extensive choice of fonts including Courier, Script, Sans Serif, Letter G, Cinema and others. Incorporates the Epson EX-1000 and the IBM Proprinter IIXL emulations. Prints at 300 characters per second in draft elite mode and 75 cps in near-letter quality (NLQ) elite mode. Features standard 32K buffer which enables storage of up to 16 pages. Users can select fonts, print quality, pitch, condensed print, italic, optional sheet feeder, quiet mode plus many more options. It can produce multi-color output using an optional color-printing kit offered for $50.00. $799.00 *Star Micronics Inc.*

CHECKPOINT
TECHNOLOGIES

THE SERIAL SOLUTION

a dual-port internal serial card for the Amiga 2000

A complete hardware & software solution for multi-port serial expansion.

- **Provides two additional industry-standard serial ports:**
  - a **25-pin port** which is fully compatible with the Amiga's built-in port
  - a **9-pin port** which is fully compatible with the IBM-AT's serial port
- **Existing applications software will work immediately:**
  - includes an enhanced DOS-level **SER:**-compatible handler
  - includes high-performance EXEC-level **"serial.device"**-compatible driver
  - includes **ready-to-use public domain software**

Only $199!

- **Supports all standard baud rates and handshaking:**
  - custom baud rates **up to 120K baud** are supported
  - **All handshaking lines** are supported: DTR.DSR.CTS.RTS.CD.RI
- **Specially engineered to support the demands of MIDI applications:**
  - **MIDI baud rate** is supported exactly
  - your **existing Amiga MIDI interface** is usable with the 25-pin port
  - a special **2-port (32-channel) MIDI interface** is coming soon!

- **32 MIDI CHANNELS!**
  Now works with **Bars&Pipes**, the MIDI sequencer from Blue Ribbon Bakery, to give you **32 or more simultaneous MIDI channels!**

P.O. Box 2035 • Manassa, VA 22110 • 703-330-5353

Circle 141 on Reader Service card.

•PRINTERS/Buffers•

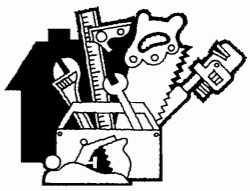
Microshare MCS 8008/MCS 8004
The MCS 8004 and the MCS 8008 are multi-use printer buffer and spooler combinations. They allow up to four or eight transparent sharing of a printer device even if the computers are of different makes. $995.00/$795.00 Canadian
Comspec Communications Inc.

•PRINTERS/Laser Printers•

PC Laser 6000/PS
This versatile printer offers Hewlett-Packard's LaserJet Series II emulation. In Postscript mode, users can produce newsletters, brochures, presentation material, computer-aided design and other highly formatted text and graphic output, and is compatible with many popular software packages. With its parallel, RS-232C serial and RS-422 (Appletalk) interfaces, the PC LASER 6000/PS is compatible with IBM personal computers and compatibles as well as Apple and Macintosh computers. It prints full-page bit-mapped text and graphics at 300 dots-per-inch, and features 35 typefaces in 11 fonts for use in the PostScript mode. In HP mode, 24 standard HP fonts are resident on the printer and additional HP soft fonts can be downloaded.
$4,495.00 *Ricoh Corporation*

LaserJet IIP
4-page per minute, low-cost laser printer. Extremely small footprint. $1,495.00
HewlettPackard Company

LazerXpress
High-speed 300 dpi laser printing using the C Ltd SCSI interface. Can be connected to any Amiga computer. Comes with Express Paint and



Miscellaneous Hardware

A.D.I.
AQ4882A GPIB INTERFACE
For Amiga 500/1000/2000

The AQ4882A is a full function GPIB / IEEE-488 controller for the Amiga family of computers. It connects to any Amiga computer through the parallel port. The AQ4882A provides all Controller/Talker/Listener functions and includes drivers for AmigaBASIC, Assembly, C, and Pascal. Example programs are included for each language. The ADI AQ4882A was the first and is the most versatile IEEE-488 interface for the Amiga. Custom software for your application is available on request.

	A.D.I. AQ4882	MICROSHARE MCS1050	ACDA AmigaGPIB	ASDG Inc. SBX-GPIB
Compatable with all Amiga Computers	YES	YES	NO	NO
Full GPIB control functions	YES	NO	YES	YES
Connects without extra Hardware	YES	YES	YES	NO
Amiga as Controller or Device	YES	NO	YES	NO
Drivers for AmigaBasic, C, Pascal and Assembly languages	YES	NO	NO	NO

A.D.I. Products
3514 Olive Street
Huntington Park, CA 90255
Only $295.00
(213) 581-1188

Circle 104 on Reader Service card.

PageStream. No other system allows full 300 dpi editing of the exact bitmap image used by the printer while providing printing of a full text and/or graphics image in less than 15 seconds! Now available in Canada. $2825.00 Canadian
RB Productions

•PRINTERS/Inks•

Ink-Jet Ink
Ultra-Black ink in a monopack disposable Maxwell dispenser provides the user with a handy and very easy-to-use alternative. Available in two-pack and four-pack sets, or bundled with the other Jet Technology colors: magenta, cyan, and yellow: 5 ml cartridge: $5.50; 60.0 ml bottle: $40.00 *Jet Technology*

Inky Dink
Ink-jet ink for the Xerox 4020 printer and Diablo C-150. Smooth flowing through your printer to reduce clogging. Half the price of the ink now being used. Four colors: cyan, magenta, black, and yellow. Three sizes of bottles: 17 cc; 34 cc; 62 cc. $11.95; 22.95; 39.95
Software Sensations

•SCANNERS & DIGITIZERS•
(See also VIDEO HARDWARE)

300 DPI Scanner
Saves images as B/W IFF files at 75, 150, 200, or 300 dpi. Saves in 15 seconds. User-definable scanned page regions for high-res use. Programs can be used in any IFF-supporting program, allowing you to color images in paint programs like DeluxePaint II, or import them into Professional Page or Professional Draw. Comes with parallel port hardware and software interface. $1,095.00 *Gold Disk Inc.*

Geniscan Handy Scanner
Hand Scanner with 400 DPI resolution and 4 1/8 inch width. Adjustable switches for brightness and contrast. Software compatible with most leading software packages. $299.95
Datel Computers

Digi-View 4.0
NewTek's new dynamic palette control allows all 4096 colors to be displayed in high resolution with overscan, thus providing sharper HAM images and virtually eliminating HAM fringing. The LBJ technology allows the user to selectively filter background noise from the video signal for sharper, clearer images. Digi-View 4.0 supports ARexx. New Digi-Port feature allows captured images to be displayed directly into Digi-Paint 3, and resolutions may be changed from inside Digi-View 4.0. 24 bit RGB files may be loaded and saved for further image processing or exporting to typesetters or frame buffers. Many more enhancements have been added to Digi-View 4.0, allowing you to create images with ease.
$199.95 *NewTek*

IMG Scan
A low-cost, high-quality scanner that connects to your dot-matrix printer. Use the software to digitize photographs and drawings. Save pictures in standard IFF formats for use with paint, desktop publishing, and video programs. Scans in 256 gray levels. $149.95
SunRize Industries

IMG Scan II
Turns your printer into a high-resolution image scanner. 256 gray levels, full-color assignable.
$139.95 *Seymor-Radix*

Migraph Handscanner and Touch-Up
This unbeatable hardware-software team lets you scan, and enhance images until they're exactly right for all your desktop publishing projects. Scanner features: 4 scan window, 100, 200 and true 300 and 400 DPI resolutions, adjustable contrast, three dither settings for halftones and one for line art. Software has all the standard features plus lots of special effects, bezier curves, and scalable fonts. Available in the first quarter of 1990. Price unavailable.
Migraph Inc.
(see display ad page 79)

Professional ScanLab
Professional color scanning package that includes all the software cables and hardware interfaces for the A2000 to provide total control over Sharp's JX-300 and JX-450 color scanners. High-quality, 24-bit data from the scanner can be converted into Amiga HAM images, or maintained in its 24-bit true color form. Sent to professional output device, this translates into 16 million colors. Also supports the largest picture resolutions of any Amiga system: 5100 x 3300. Used in conjunction with ASDG's ReSep, ProScan Lab. Allows professional Page to produce documents with 24-bit images.
$995.00 *ASDG Inc.*

Scannery
Links Amiga to HP ScanJet. Full page preview, clip image to any size, adjust scale, resolution, and brightness for optimum image control. Scanning options include black and white, 16 gray scales, four dither patterns and inverted images. Repetitive tasks can be automated with the ARexx batch process capability. Merge scanner data with data from any other application program. Package includes software documentation, software disk and custom cable.
$250.00 *Inset Systems*

Sharp JX-100
One of the smallest color scanners in the world and the first hand-held color scanner available for the Amiga. Scans an area of 4 x 6.4 at 200 DPI, and will do black and white, gray scale, and color scanning for high-quality desktop publishing. Sold by Sharp Electronics, the software is written by ASDG, Inc. Software will process 18-bit color scans into any Amiga format. No additional hardware required. Directly supports all display modes, overscan, and PAL. $995.00
ASDG/Sharp Electronics

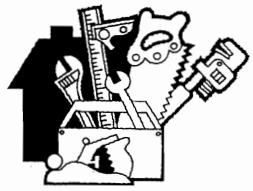
Sharp JX-300
Scans originals up to 8.5 x 11 with a 300 DPI resolution. This 24-bit color scanner is intended for most business and some high-end applications. Requires Professional ScanLab.
$4995.00 *ASDG/Sharp Electronics*

Sharp JX-450
Sharp's best-selling color scanner for desktop publishing, slide creation, and other areas demanding high-end image processing. Easy operating, high-quality desktop full color scanner. Provides the precision quality scanning of a console from a desktop. 300 DPI resolution capacity ensures accurate, detailed images. Scanning of slides and transparencies available with optional mirror. Scanning capacity up to 11 x 17. Requires Professional ScanLab.
$6,995.00 *ASDG/Sharp Electronics*

•SCIENTIFIC DIGITIZERS AND CONTROLLERS•

Amiga GPIB (IEEE-488)
General purpose digital interface bus card for the A2000. Allows the Amiga to interface with up to 15 other IEEE-488 devices, permitting high-speed data transfer. Performs all the talker, listener, and controller functions of the IEEE-488 protocol. One Amiga can control up to 14 GPID devices. Includes Command Function Library (ACDA GPIB CFL); test application program and

Miscellaneous Hardware



C source code. Fits some A2000 card cages.
$495.00 *ACDA Corporation*

AQ4882A
The AQ4882A is a full function IEEE-488 (HPIB & GPIB) adapter for the A500, A1000, and A2000 computers. It connects to the Amiga's parallel port and performs all talker, listener, and controller functions. This allows the Amiga to control up to 14 devices, or act as a device in a larger system. Includes drivers for AmigaBASIC, C, and Assembly languages. $295.00 *A.D.I.*

Data Acquisition Unit
Turns your Amiga into a sophisticated digital storage scope. Measure & Display inputs from millivolts to 50 volts with 1 MHz bandwidth. Display events from microseconds to hours.
$179.95 *Datel Computers*

MW-201
General purpose INPUT/OUTPUT card with RS-232 interface. Digitizes 16 analog inputs, provides 14 high-current digital outputs, and one analog output. Uses 6511Q microprocessor and built in intelligent user interface.
$365.00 *Electronic Innovations, Inc.*

Proto-40K
Digitizer with 16-channel, 12-bit multiplexed analog-to-digital converter, two 8-bit digital-to-analog converters, a 3-channel programmable timebase, 16 digital inputs and one expansion card. Also features a highly stable instrumentation amplifier with programmable gain. Data aquisition and process control projects are a snap to develop with the Proto-40K and data aquisitions system (DAS) software and C source code. Sample programs included. Fits some A1000 card cages. Call for price.
ACDA Corporation

Proto-5K
Single-channel analog-to-digital converter with switch-selectable input gain ranges, LED voltage meter, range-test calibration switch and daisy-chain parallel port configuration. Available for each Amiga model. Test, utility, and data acquisition system source code in C ACDA Digiscope demo included. $279.95
ACDA Corporation

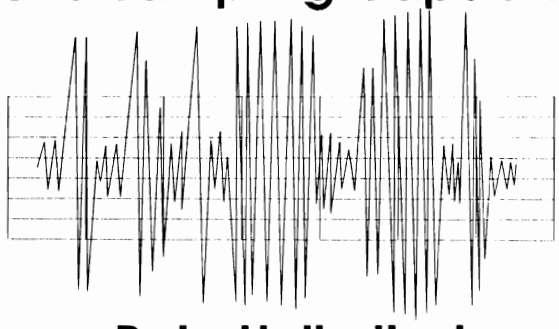
SBX-GPIB
Complete IEEE 488 controller on an IEEE 959 module. Handles all IEEE 488 1975/1978 functions and the IEEE 488A 1980 supplement. Supports all talker/listener/controller functions including multiple functions and passing with passing of control. Comes with support software.
$199.00 *ASDG Inc.*

•SOUND & MUSIC HARDWARE/ Digitizers•

AudioLink
16-bit linear professional stereo sound sampler. Consists of an internal board (for the 2000) and an external box. Samples sound at 44.1KHz (the same sampling rate as compact discs) for CD quality. Unt includes MIDI interface. Available 1st quarter1990. $795.00 *Beta Unlimited*
(please see display ad this page)

AudioLink

16-bit Linear Stereo Audio Processor with Sound Sampling Capabilities



Beta Unlimited
87 Summit St. Brooklyn, NY 11231

Circle 133 on Reader Service card.

AMAS
AMAS is a full featured 8-bit stereo audio digitizer complete with a full implementation MIDI interface. The digitizer accepts mono or stereo inputs via its line input sockets and is provided with an extra microphone input socket for direct vocal signal input. $169.95 *MichTron*

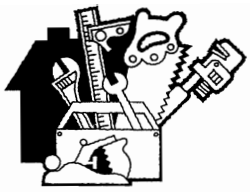
FutureSound
Audio digitizer with microphone and editing software. $175.00 *Applied Visions*

Perfect Sound
Use your stereo or a microphone to record your sound in mono or stereo, then use the sound editor to modify the sound. Delete, insert, and play them backwards, faster or slower, graph or flip record sound. Comes with a library of pre-recorded sounds and C source code. Supports IFF file format and instruments.
$89.95 *MicroSearch, Inc.*

Perfect Sound 3.0
Stereo sound digitizer. Includes both hardware and software. New verion 3.0 includes new software and hardware. English, German, and French versions available. $99.95
SunRize Industries

Pro Stereo Sound Sampler
High-quality stereo sound at a realistic price. Real-time level meters. Adjustable trigger level. Hi Res sample editing. Variable sample rate and playback. $99.95 *Datel Computers*

Pro-Sound Designer—Gold Edition
Professional sound sampler for the Amiga. Easy interface allows capture, manipulation, and playback of real sounds. Features include: automatic gain control; advanced editing; octave and frequency changes; auto-record and play; looping; more. Includes MIDI-plus software to let you playback samples recorded with Pro-Sound and lets you play them back on the Amiga or MIDI keyboard as an instrument voice. Allows



Miscellaneous Hardware

up to 10 samples at one time in memory, and offers full control over each sample.
$159.95 *Precision Incorporated*

SoundScape Sound Sampler
Digitize microphone/audio input to produce sampled sounds in Mimetics or IFF format.
$99.95 *Mimetics Corporation*

•SOUND & MUSIC HARDWARE/ General•

MindLight 7
Combined with Visual Aurals I graphic arts software generates real-time animated graphics that derive their energy from any music or other audio source. Music affects the color, movement, object shapes, and patterns in a number of different ways. Can be combined with any IFF picture in any resolution or any IFF brush. Also combines with LIVE! by A-Squared. Includes an oscilloscope and a frequency counter for analyzing, and a MIDI player and recorder which accepts IFF music files or files compatible with Dr. T's music software. $198.00
Visual Aural Animation

•SOUND & MUSIC HARDWARE/ MIDI Interfaces•

AudioLink
16-bit linear professional stereo sound sampler. Consists of an internal board (for the 2000) and an external box. Samples sound at 44.1KHz (the same sampling rate as compact discs) for CD quality. Unt includes MIDI interface. Available 1st quarter1990. $795.00 *Beta Unlimited*
(please see display ad page 145)

Deluxe MIDI Interface
Provides input, thru, two switchable thru/outs for maximum flexibility. Also has switchable RS-232 pass-through. For all Amiga models.
Canadian: $139.95; US:$89.95
Pro-Tronic Systems Ltd.

ECE MIDI 1000
Music instrument digital interface. Plugs into the serial port, communicates with MIDI-compatible musical instruments and equipment. Includes RS-232 bypass port. $64.95
ECE Research & Development

ECE MIDI 500/2000
Musical instrument digital interface. Plugs into the serial port, communicates with MIDI-compatible musical instruments and equipment. Includes RS-232 bypass port. $64.95
ECE Research & Development

Micro MIDI
MIDI interface with 6 outputs, two switch-selectable inputs, channel loading indicator, and external clock output. Serial pass-through and more. Price unavailable. *Microillusions*

MIDI 1000
A1000 MIDI interface. MIDI IN and OUT. Connects to serial port. $49.95
Mimetics Corporation

MIDI 500/2000
A500/2000 MIDI interface. MIDI IN and OUT. Connects to serial port. $49.95
Mimetics Corporation

MIDI for the Amiga 2000
Standard MIDI IN, 2 MIDI OUT, MIDI thru for the A2000. Plugs into RS 232 port. $49.95
Skyles Electric Works

MIDI for the Amiga 500
Standard MIDI IN, 2 MIDI OUT, MIDI thru for the A500. Plugs into RS 232 port. $49.95
Skyles Electric Works

MIDI for the Amiga1000
Standard MIDI IN, 2 MIDI OUTs, MIDI THRU plugs into RS-232 port. $49.95
Skyles Electric Works

MIDI Gold 500
Musical instrument digital interface (MIDI) for the A500. Features: MIDI IN; 2 MIDI OUT's; MIDI OUT/THRU (switch-selectable); Serial pass-through allows other serial devices to be connected at the same time (switch-selectable MIDI or serial opertion). Compact size (4.3 x 2.3) allows the interface to be connected directly to serial port (no cable required). All metal construction. 2-year warranty. $79.95
Golden Hawk Technology

MIDI Gold Insider
Musical instrument digital interface (MIDI) for the A2000. Mounts internally without using a card slot. Features: MIDI IN; 2 MIDI OUT's; MIDI THRU; Serial pass-through allows other serial devices to be connected at the same time (switch-selectable MIDI or serial operation). All metal construction. 2-year warranty. $89.95
Golden Hawk Technology

MIDI-STAR, the Professional MIDI Interface
MS2 X 6 for all Amigas features 2 MIDI IN's with switch control and LED status indicators, 6 MIDI OUT/OFF/THRU's each with switch control and multi-color LED status confirmation, Amiga RS-232 serial interface with pass through, and 2 separate selectable operational modes. Amiga RS-232 operates in both modes and has a durable, heavy metal chassis with a special sloped console design for easy operator access to switches and LED's. $263.00
Spirit Technology

Midimaster
MIDI Interface for all Amigas. Compatible with all leading software. Has MIDI In, Midi Thru, and 3 MIDI Out ports. Fully opto-isolated.
$59.95 *Datel Computers*

Model A Interface
MIDI interface for the A500 and A2000.
$75.00 *Dr. T's Music Software Inc.*

Standard MIDI Interface
Our new standard MIDI interface is designed for high performance and maximum reliability with an IN, THRU and 2 OUTS. Canadian: $79.95; US: $64.95 *Pro-Tronic Systems Ltd.*

•SOUND & MUSIC HARDWARE/ SMPTE•

Micro SMPTE
Allows Music-X to synchronize with video or audio tape decks. Connects via parallel interface, includes pass-through. Compatible with all Amiga models. Price unavailable.
Microillusions

•SWITCHERS•

6004-23
Switch Box, 2 position, D-23 connectors. Specify gender when ordering. $26.95
Benetech Electronic Supply

Command Control Console
A switching console designed to interface and control digitzing equipment and two printers. Allows a second computer to utilize all devices. Free brochure. Price unavailable.
Gladstone Productions

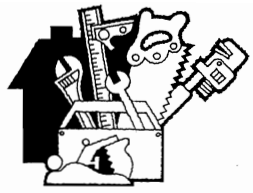
Mouse Master
Mouse Master is an innovative switch box that lets you instantly select either your mouse or joystick in Port 1. Also brings out Port 2 to make all ports easily accessible. Requires no separate power supply and comes with a 26 non-detachable double cable that plugs directly into both ports. Custom molded in gray.
$39.95 *Practical Solutions, Inc*

•SYSTEM EXPANSION & EXPANSION CHASSIS•

Bacpac
External enclosure for tape stream and hard drive combination with power controller.
$295.00 *Computer Systems Associates*

CSI 8800
Minimax-2 internal RAM expansion allows you to expand the A500 up to a total of 2.5 megabytes internally. Minimax-2 expansion board is available in four configuration levels: with 512K, 1 MB, 1.5 MB, or 2.0 MB memory; equivalent to four, eight, twelve, or sixteen inserted 514256 memory chips. Keeps your expansion slot on side free. Expansion RAM disable switch, for older software programs incompatible with extra memory. RAM-test software included. Real-time clock on board with battery backup. Amiga automatically recognizes extra memory.
$179.00 *Centaur Software, Inc.*

Miscellaneous Hardware



EXP-1000
1 megabyte, internal RAM board for the A500. $299.95 with 0K installed or $424.95 w/1 meg
Progressive Peripherals & Software,Inc.

Impact EXT
GVP external hard drive case allows room for two 5.25-inch, half-height hard drives. Includes internal power supply, mounting hardware and SCSI extension cable. $259.00
Great Valley Products

Megaboard-2000
2 MB expansion board for A2000.
$224.95 0K, or $349.95 w/2MB.
Progressive Peripherals & Software Inc.

MultiFunction Module
Daughterboard for the StarBoard2. Supports Motorola 68881 Math Chip as an I/O device. Provides battery-backed real-time clock; parity checking logic; and Sticky Disk hardware-protected memory disk. $90.00 and up.
MicroBotics, Inc.

ProRAM 2000
8 MB expansion board for the A2000.
$299.95 0K, or $429.95 w/2MB
Progressive Peripherals & Software Inc.

SB 2000 Adaptor
Adapts the StarBoard2 for the A2000. Low-cost adaptor card allows installation of a de-cased StarBoard2 inside the A2000 in the 100-pin. When adapted to the A2000, StarBoard2 is fully functional auto configuring memory and allows access to all the StarBoard2 Multi-Function options—StickyDisk, Math chip, parity or the new SCSI Module. $69.95
MicroBotics, Inc.

SD Chassis
The SD (SCSI Device) Chassis can hold two half height or one full height 3.5 or 5.25 SCSI devices. The rear of the chassis sports two DB-25 SCSI connectors, a 23 CFM fan and a power supply capable of 100VAC through 240VAC, 50Hz to 60Hz and -4 AMPS at 5 Volts, 4 AMPS at 12 Volts. The chassis is painted Amiga white and its dimensions are 5 x 7 x 13. $345.00 *C D N Comspec Communications Inc.*

SSD Chassis
The SSD (Slim SCSI Device) Chassis can hold one half height 3.5 or 5.25 SCSI device. The rear of the chassis sports two DB-25 SCSI connectors, and 18 CFM fan and a power supply capable of 120VAC through 240VAC, 50HZ to 60HZ and -4AMPS at 5 Volts and 4 AMPS at 12 Volts. The chassis complements the Amiga in style and colour. Dimensions are 14 x 13 x 2.5. $269.00
CDN Comspec Communications Inc.

Subsystem 1000
3-slot expansion chassis with pass-through. Uses A2000 form factor cards. 3.5 SCSI hard drive may be mounted inside box. Includes bus buffering and bus arbitration. $399.00
Pacific Peripherals

Subsystem 500
2-slot expansion chassis for the A500. Uses A2000, 100-pin expansion cards. Subsystem sits under the A500, taking up no additional desk space and adding only 1.5 inches in height. A500 keyboard is approximately same hight as C64. Power supply and pass-through included.
$279.00 *Pacific Peripherals*

Subsystem 500D
2-slot expansion chassis for the A500. Uses A2000, 100-pin expansion cards. Subsystem sits under the A500, taking up no additional desk space and adding only 1.5 inches in height. A500 keyboard is approximately same hight as C64. Power supply and pass-through included. System includes second floppy drive (DF1) facing forward in the subsystem. Requires no additional desk space and does not reduce number of slots available. $419.00
Pacific Peripherals

TH1000
Turbo high-rise expansion chassis.
$995.00 *Computer Systems Associates*

The Surgeon
8-slot box for A500 and A1000. (4 slots for A2000, 1 slot for the IBM/XT, and 3 slots for the IBM/AT.) One drive bay (5.25), includes power supply with case. $585.00 *Comp-U-Save*

ToolBox
This 2-slot expansion card cage for the A500 and A1000 allows you to use most A2000 cards on your Amiga. It accepts and powers both the Toolbox memory board and Toolbox hard card. It also accepts other A2000 cards like the Bridgeboard. The ToolBox features a UL-approved 40 watt cool running (switching) power supply, pass-through, and on/off switch.
$269.95 *Expansion Technologies*

Wiz Ram 2.0
The memory board fits in the place of the A501 and provides 1 meg of chip RAM (with the new fatter Agnus) and also 1.5 meg of fast-slow RAM. Shielded from Radio Frequency and FCC approved. Price unavailable. *Imtronics, Inc.*

•TESTING•

EI-209
Stand alone diagnostic cartridge for the Amiga technicians. Uses LED matrix to monitor address and data lines. Also checks power supply.
$425.00 *Electronic Innovations, Inc.*

•TRANSPUTERS•

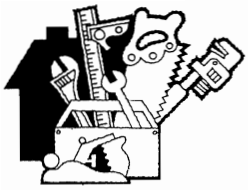
Megalink 01 Transputer Board
Very flexible RAM configuration (from 256K to 32MB). You can upgrade the RAM step by step according to your own personal needs. Gives you up to four transputers, each with up to 4 MB RAM and up to 60 MIPS/9MFLOPS. 1 to 4 MB with/without Link-Interface. 3699 to 6999 Deutche Marks
Advanced Computer Design

Megalink 02 Video Transputer Board
Comes with one T800 (20, 25, or 30 MHz and 1 to 8 MB) and up to 2 MB Video RAM gives you all the colors needed for computer graphics. 800 x 600 pixels 50 Hz non-interlaced with 16.7 million colors IFF adapter and driver for popular ray-tracing packages available now! 1 MB RAM and 1 MB Video RAM. 6499 Deutche Marks *Advanced Computer Design*

Megalink 03 Transputer Board
Very flexible RAM configuration (from 256K to 32MB). You can upgrade the RAM step by step according to your own personal needs. Includes one T800 Transputer board. 1 to 4 MB with/without Link-Interface 3699 to 6999 Deutche Marks
Advanced Computer Design

The SANG Transputer Board
New dimensions in microcomputer parallel processing boards designed with 32-bit RISC parallel architecture transputers guarantee that up to 4 instructions are executed within 1 processor cycle per board. T800 chips are available at operating speeds of 20 MHz, 25 MHz or 30 MHz. Each T800 includes 4 KBytes of extremely fast internal static RAM (50, 40, or 33ns cycle-time) permitting fast access of frequently used data and code without wait states. Ability to freely interconnect an unlimited number of additional transputer boards, the video graphics transputer, SANG parallel memory boards and the INMOS B004 prototyping board. Available software developement tools include Parallel C, Parallel Fortran, Parallel Pascal, Transputer-Assembler TASM 2, OCCAM compiler/server OCS and the HELIOS operating system. For special purposes it is also possible to construct systems with hybrid structures such as pipelines or trees. Message routing algorithms can be developed for use in large networks. Price unavailable.
Digital Animation Productions

Video Graphics Transputer
High-end transputer-based graphics and video System. Provides fast hardware image manipulations such as zoom for applications ranging from computer arts and video to scientific visualization. Software-selectable resolutions range from 512 x 512 to 8192 x 8192 (max. display 1280 x 1024).High drawing speeds can be obtained by the use of either 1 or optionally 2 megabytes of dedicated video RAM accessible by both the T800 and the G300 Color Video Controller. Optional cascaded video digitizer with a resolution of 800 x 600. Graphics



Miscellaneous Hardware

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A500	
20 MB Hard Drive	455.00
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80 MB Quantum HD	995.00
2 MB Ram Card for HD (populated)	260.00
512 K Ram Expansion	110.00
A2000	
40 MB Quantum HD	625.00
80 MB Quantum HD	915.00
8 MB Ram Card w/2 MB onboard	325.00
Supra 2400 Baud Modem w/cable	129.00
Bridgeboard Speaker (Easy to Install, adds sound to Bridgeboard!)	19.95
A500 Replacement Power Supplies	
HDL-150 (150 Watt)	99.00
HDL-150DL (150 Watt, 3 a/c outlets)	129.00

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Call for our Free 48 PageCatalog!

Circle 127 on Reader Service card.

libraries are included. CAD software and utilities for texture mapping to wire frames available upon request. The video graphics transputer is an independent board, but linkable to the SANG transputer for the A2000 or IBM AT compatibles. Higher performance can be achieved by connecting additional SANG transputer boards. Price unavailable.
Digital Animation Productions

•GENERAL•

Batt Disk for A2000
Provides a fast, nonvolatile RAM disk that you can boot from. Survives powerdown. Memory sized range from 64K (standard) to 512K. Battery life to exceed 2 years. Will autoboot to FFS. Hardware write-protected to prevent a crash from trashing your data. Possible uses are: Autoboot to a non-autoboot HD; put commonly used programs in Batt Disk to preserve user memory; use for development (i.e., source code in fast, Guru-safe RAM device).
Call for information. *Michigan Software*

Battery Backup System (BC-series)
BC-450 Battery Backup System provides 450 watts of emergency power in the event of a blackout. Surge and brownout-protected. Line/Battery power indicator lights and audible alarm. Provides 34 minutes of backup at 1/2 load and 10 minutes at full load. MADE IN U.S.A, 2-year warranty. RFI/EMI-protected. Also available in 200 to 4000 watts, as well as LAN-specific Models.
$499.00 *Tripp Lite*

Blinky™ SCSI device monitor
Monitors SCSI communications bus and tells you when your Amiga talks to hard drive, tape back-up system, Bernoulli box, or any SCSI device hooked to computer. Also tells you when conversations take place between various devices on the SCSI bus. LED indicators not only let you know which of your SCSI devices are communicating, but also when they are active.
$74.95 *Computer Systems Associates*

CPS-500
Replacement power supply for the A500. 8 Amps. 3 AC receptacles, transient/spike suppression, more. $99.95
Phoenix Electronics, Inc.

Eprommer
Eprom programmer for 2716 through 27512, 27513, 27011 for standard, A and CMOS parts. You can read proms as well as save to disk.
$149.95 *Datel Computers*

200W Power Supply
POW-R 200 for A500 features replacement power supply for the A500, A500 power connector, and four AMP power connectors, fan cooled, continuous 200 watts and selectable 110VAC/60Hz or 220VAC/50Hz input. The switched utility outlet can be used for a monitor or any other device. DC Out: +5V/20A, +12V/8A, -5/0.4A, and -12V/0.4A. $198.00
Spirit Technology Corp.

HD-150
Replacement power supply for the A500 features 150 watt power supply, short-circuit protection, internal mounted fuse, on/off switch and a full 1-year warranty. $129.95 *Computers, Etc!*
(please see display ad this page)

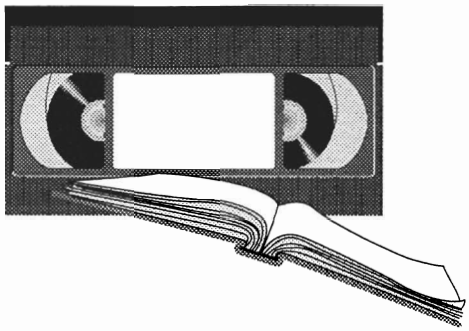
HD-150 DL
Replacement power supply for the A500 features 150 watt power supply, short-circuit protection, internal mounted fuse, on/off switch, three switched a/c accessory outlets with their own fuses, internal cooling fan, and a 5-pin external connector. The HD-150 DL also comes with a full 1-year warranty. $179.95 *Computers, Etc!*
(please see display ad this page)

Multistart for A500 and A2000
Puts the Amiga 1.1 operating system in ROM. Switch from 1.2 to 1.1 and back using the Amiga keyboard. No soldering. $29.95
Michigan Software

People Meter
Galvanic skin response stress interface. Can be used for biofeedback, lie-detector experiments, and more. Includes software including several meters, graphics programs, and a game with sampled sound. $59.95 *Aminetics*

Robotarm
Full function 5 axis movement can manipulate small objects with amazing human-like dexterity. Comes with finger jaws, shovel scoop, magnetic attachment, and 2 joysticks. $89.95
Datel Computers

TACH 25
Hardware/software system for archiving software. High speed duplication works with 2 to 4 drives. Copy up to 81 tracks. Duplicate non-Amiga formats. $59.95 *Datel Computers*



BOOKS & TAPES

•AUDIO TAPES•

Amiga Sings
A 90-minute cassette of original music created with Music-X (Microillusions) and the Midea Music Box on the Amiga, composed by a professional recording artist. This tape demonstrates the sound manipulating power of the Amiga when coupled with the right hardware. Recorded in MIDI realm.
$12.00 + SH *Eyeful Towers Communications*

AmigaDOS 1.2 Tutorial
A training package for first-time Amiga users and anyone who has not experienced the power of the Amiga and its operating system. The user is taken through all stages necessary to become proficient in the use of this system. Consists of 2 self-instruction audio cassettes and handbook. Intouch will release its AmigaDOS 1.4 tutorial as soon as the AmigaDOS 1.4 program is released by Commodore. $49.95 *Intouch Tutorials*

•BOOKS/DOS•

AmigaDOS 1.3 Reference Book
This 16-page reference book is designed for use as a guide to standard Amiga keyboard commands. Included are summaries of AmigaDOS commands, the ED editor's commands, Standard AmigaDOS devices and assignments, which are arranged alphabetically, and Amiga Error Codes, which are listed by number. $3.50 *The Computer Club Company*

AmigaDOS CLI Reference Book 1.2
This reference book is designed for use as a guide to standard Amiga Command Line Interface (CLI) usage. Included are summaries of AmigaDOS CLI commands, the ED editor's commands, and standard AmigaDOS devices and assignments. Eight pages. $2.50
The Computer Club Company

AmigaDOS Inside and Out
An in-depth guide to AmigaDOS from internal design up to practical applications. Includes many program examples. 280pp. ISBN 1-55755-041-7 $19.95 *Abacus Software*

AmigaDOS Quick Reference
An easy-to-use reference tool for beginners and advanced programmers alike. All AmigaDOS commands including Workbench 1.3, Command syntax and arguments with examples, CLI shortcuts, CTRL sequences, Amiga ASCII table, Guru Meditation Codes, and Error messages. 128pp. ISBN 1-55755-049-2 $9.95
Abacus Software

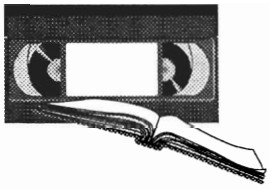
AmigaDOS Quick Reference Guide, Third Edition
Covers AmigaDOS version 1.3. Its easily understood tutorial and comprehensive reference guide takes the reader, step by step, through the intricacies of AmigaDOS. Thoroughly illustrated with practical examples. Presents each AmigaDOS command detailing its purpose, format, and parameter.
$21.95 *COMPUTE! Publications*

Introduction to AmigaDOS
Strong emphasis on visuals. Helps newcomers, as well as seasoned Workbench users, adapt to the SHELL and CLI. Parallels are drawn from the Workbench environment in order to clarify SHELL and CLI equivalents. Countless terms are defined with plenty of graphic examples. Provides user with a basic working knowledge of the SHELL and CLI. $29.95
Graphic Expressions

Learn Amiga DOS All By Yourself!
A self-tutoring course in Amiga DOS. Covers all versions 1.0 to 1.3. We assume you know nothing about AmigaDOS to begin this course. Learn how to delete, copy, obtain directory listings, edit, execute, relable, rename, search, sort, set up multiple CLI windows, use the built-in RAM disk, directing output to the printer, etc.! Just a few of the commands you will become proficient at.
$24.95 *Brantford Educational Services*

The Amiga Companion, Second Edition
A comprehensive guide to AmigaDOS and the CLI. Includes an overview of the Workbench and an introduction to the CLI. This expanded second edition includes full coverage of AmigaDOS 1.3, a new chapter on hard disks, more CLI and SHELL commands, MicroEMACS appendix, and over 50 new pages of examples and tips.
$19.95 *IDG Communications*

The AmigaDOS Manual, Second Edition
Official documentation for AmigaDOS 1.2. Details DOS commands; includes technical reference manual and developers manual.
$24.95 *Bantam Electronic Publishing*



Books & Tapes

•BOOKS/Entertainment•

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The King's Quest Companion
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The Official F-19 Stealth Fighter Handbook is your key to mastering F-19 Stealth Fighter from MicroProse. Inside you learn to maintain a good stealth profile, locate the best strafing targets, perform the most successful pursuit curves, carry out fake attacks that ward off enemies and master the most effective missile shots. As you make your way through the seven intriguing chapters and Stealth Pilot Papers, you'll experience the full effect of simulated stealth flight through intricate 3-D graphics that include cities, SAM sites, bridges, other planes, airbases, and four whole worlds crawling with enemies, targets, and hostile weapons. $16.95 ($14.95 + postage & handling) *Chilton Book Company*

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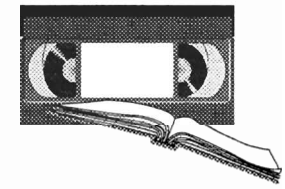
Books & Tapes



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Guru's Guide
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Inside the Amiga with C
Explores each of the major subsystems through example programs. Topics covered include AmigaDOS, Intuition, and the Executive kernel.
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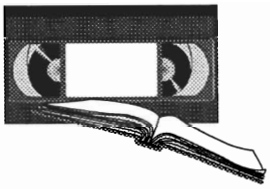

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Introduction to Computer Applications Using BASIC
Practical uses for programming in BASIC. By Jones. $30.00 *True BASIC, Inc.*

Learn Amiga BASIC All By Yourself, Volume 1
Self-tutoring BASIC programming course. Complete explanations of all BASIC commands. Many programming examples to study. Many questions to answer. Many programs for you to make up. A test after each lesson. All answers supplied. Written by a teacher whose courses are used in High Schools, Colleges and Adult Education classes. Satisfaction guaranteed. For all Amigas. $24.95
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Source/Object Diskette for Programmer's Guide To The Amiga
Source and object code from the Programmer's Guide To The Amiga (SYBEX). Available formats: Lattice/Manx C, TDI Modula-2, or Benchmark Modula-2. Please specify format when ordering. DATAPATH offers special pricing on book/diskette combinations. Write for details. $15.00 *DATAPATH*

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True BASIC, Inc.

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The Amiga Microsoft BASIC Programmer's Guide
By Vahé Guzelimian, Norbert Kuhnert, and Gia Rozells. 280 pp. $19.95 *Scott, Foresman & Co.*

The True BASIC Primer
General programming textbook by William S. Davis. $21.95 *True BASIC, Inc.*

True BASIC—A Complete Manual
Programming manual by Simpson.
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•BOOKS/Technical•

1988 Amiga Developers Conference Notes
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Amiga Hardware Reference Manual
Written by the technical staff at Commodore-Amiga, this revised version presents an in-depth description of the Amiga's hardware. Includes tutorial on writing Assembly language programs, descriptions of the coprocessor, the playfields, the sprites, and the blitter. Eight appendices and a glossary also included. 400 pp.
$24.95 *Addison-Wesley Publishing Company*

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Amiga ROM Kernel Reference Manual: Libraries and Devices
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Fall 1986 Amiga Developers Conference Notes
Contains the diagrams, outlines, and additional notes pertaining to each conference speaker's topic. Some conference topics include: Exec, IFF, System Software V1.2, Amiga Programmers Suite by RJ Mical, 3D Graphics/Ray Tracing, Software Expansion Architecture, Hardware (Inside Amiga, Ports, Disk Information), MIDI Sound Synthesis, Efficient C Programming.
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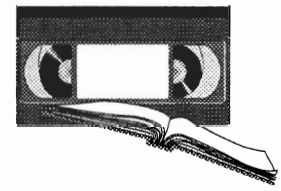

Guru's Guide
Guru's Guide, Meditation #1 offers users and developers a rich fund of inside programming lore. It is the first volume in a new series of Amiga technical reference books authored by the designer of Amiga's Multitasking System. Written for all levels of programmers, this volume supplies you with vital information for understanding the complex and often mysterious topic of Interrupts. Clearly presented with many diagrams, tables, and examples.
$14.95 *Sassenrath Research*

IFF Manual and Disk (October, 1988)
Spiral-bound manual includes full IFF documentation and source listings for Amiga IFF. The IFF disk contains source code, object files, executable programs, and documentation.
$20.00 *Commodore Business Machines, Inc.*

Mapping the Amiga
Alphabetized description of system calls and data structures. Discussion of libraries and devices. Full description of Amiga hardware. Complete programming examples in BASIC, Assembly language, C, and Modula-2. $22.95
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•BOOKS/Video•

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Chilton Book Company

Amiga Desktop Video Guide
It's incredible how many video hardware add-ons and video software packages are available for the Amiga. In fact, it can be pretty confusing. Amiga Desktop Video Guide clearly explains what the Amiga can do and how you can harness its video power. The reader is guided through the confusing jargon and given an introduction to desktop video—the Amiga way. After assessing dozens of evaluation units, sent in by many hardware and software companies, recommendations are made for studio setups for the hobbyist, the amateur, and the professional video producer, based on quality requirements and cost factors. $19.95 *Abacus Software*

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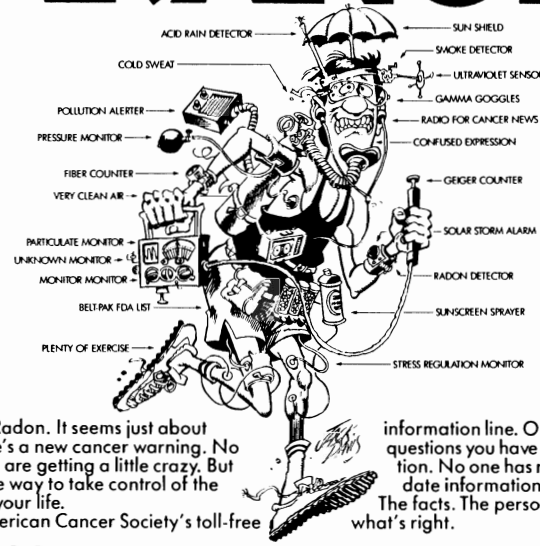

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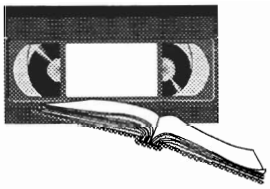

Books & Tapes

Desktop Video: A Guide to Personal and Small Business Video Production
Covers all aspects of the Desktop Video business, from computers to video equipment, and how to put it all together. $14.95
Harcourt Brace Janovich

•VIDEOTAPES/Entertainment•

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•VIDEOTAPES/Tutorials•

3D Cookbook Video
A low-cost, low-hype, introductory video instruction course to the Sculpt-Animate series of products. $24.95 *Byte by Byte*

Amiga Encyclopedia On A Video
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$39.95 *The Right Answers Group*

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TeleGraphics International Tape I: Video Graphics Techniques
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TeleGraphics International

TeleGraphics International Tape II: Color Cycling Animation
Instructional VHS videotape, approx. 45 minutes. Basics of color cycling animation using DeluxePaint II. Begins with explanation of palette and simplest cycling techniques, advances to more sophisticated techniques and complex animations. Includes Amiga Art Disk full of animations used in the tape plus other stock animated backgrounds to load and use yourself. The 2nd tape in a 3-tape series.
Available individually, or as part of a 3-tape set available for $99.50 *TeleGraphics International*

TeleGraphics International Tape III: Digitizing For Effect
Instructional VHS videotape, approx. 50 minutes. Covers hook-up and set-up of Amiga and NewTek's Digi-View Digitizer and Digi-Droid. Explains how digitizing works, shows examples of cameras, various equipment hook-ups plus tips on lighting, how to select good images, and applying digitized images to video production. Direct on-screen comparison of live image versus digitized HAM image and HAM versus IFF. Available individually for $39.95 + $1.55 s/h, or as part of a 3-tape set available for $99.50 *TeleGraphics International*

TeleGraphics International Tape IV: Amiga Hard Drives: The Complete Guide
Covers available options when selecting and installing hard drives, including third-party and Commodore controllers. Explains partitioning, formatting and Bridgeboard hard drive options too. Helps organize and customize your hard drive for your special needs and also gives tips and techniques. This tape comes with a FREE utility/setup 3.5 disk. $49.95
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BACKGROUNDER: The Videotape
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Philadelphia Video Lab, Inc.

Digital Designs Graphics Optimizer
VHS videotape which not only provides general tips but shows you how to plan and use the animations and art from the library, in addition to the proper application of the images with genlocks in video production. Will help you to make full use of the library art. If purchased with any Digital Designs Disk Library, you will receive a valuable discount off the tape price. If all three libraries are purchased together, the tape is included FREE. Price unavailable.
Digital Designs

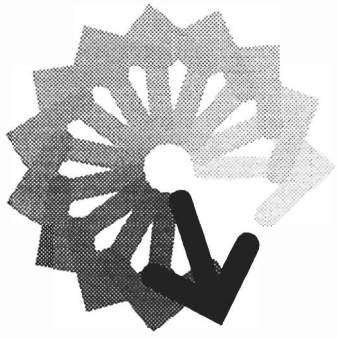
Pro Video Gold Demo Tape
A helpful videotape that offers instruction and useful tips for operating JDK Images' Pro Video Gold. $10.00/ VHS; $20.00/ for 3/4-inch
JDK Images/Shereff Systems

Video Visions Titler Set: The Video
Contains all the backdrops/objects that comprise the Titler Set on disk. This videotape version is for those who do not have Amigas, but yearn to utilize graphics for their video productions. Contains: videographer, titler, advertiser, and broadcaster volumes on tape. $49.95
CV Designs

Volume I: How To Use The Amiga For Video
A one-hour VHS videotape for beginners who have never used the Amiga. $39.95
TV One Productions

Volume II: How To Make TV Commercials With The Amiga
A VHS videotape for Amiga video enthusiasts.
$199.95 *TV One Productions*

Volume III: How To Make Presentations & Sales Tapes With The Amiga
A VHS videotape for Amiga video enthusiasts.
$199.95 *TV One Productions*



ACCESSORIES & SERVICES

•ACCESSORIES•

Audio 2000
Stereo amplifier for the A2000. Features true stereo, 100% separation with front dual volume controls and headphone jack. The main amplifier board fits in the IBM-type card slots. Works with any software. $175.00 *Day's*

Audio DC AMP
Direct coupled amplifier for positioning systems. Two outputs with 255 voltage levels. Ten turn adjust for gain and offset. Output range +5 volt. A plug-in unit for the A2000 and adaptable to the A1000 and A500. $145.95 *Day's*

Ami-Stand
Organizes your Amiga and peripherals for a neat appearance. Free brochure. $39.95
Gladstone Productions

AmiSound
AmiSound is a 3-in-1 peripheral box that provides: (a) Monitor Stand (raises monitor for better viewing), (b) Power Center (computer/peripherals plug into the back of the box; all are controlled by front-mounted lighted rocker switches and are surge-suppressed), (c) 12 Watt stereo amp (6 watts/channel, high-quality amp with separate left/right front-mounted volume controls). $99.95 *AmiTech Computers*

Covergear
A new deluxe series of nylon dust covers that span virtually the entire range of computers, keyboards, printers and monitors. Covergear is silver with coordinated blue piping. Features drawstring that secures and shapes cover snuggly, a special built-in stuff sack that allows for neat, convenient storage. Water-resistant, stain-resistant, anti-static nylon.
$12.95 to $28.95 *Computer Coverup, Inc.*

EYE RESolution
Monitor screen cover that virtually eliminates hi-res flicker. Attaches easily to the front of your monitor. Simple hook and hold method or high-quality super stick Velcro tabs. Improves contrast and relieves eyestrain. $14.95
MicroSearch, Inc.

Great Cover-Ups
Clear, frosty, high-quality, sewn, custom dust covers for computers, printers, and most peripherals. Prices vary.
Great Cover-ups

Leather Mouse Pad
9 x 10.5, hand-made from quality leather, in three grades: HIGH traction for precise operation, such as drawing, NORMAL traction for normal operation, and LOW traction for fast movements, such as games. Provides a smooth, natural surface to extend the life of your mouse and allows you better control and ease in the operation of your mouse. $19.95
Vega Technologies

Mouse Tune
Mouse Tune is a universal mouse cleaning tool for use with virtually all computer mouses.
Price Unavailable *T.S.R. Hutchinson Co.*

Mouse Wash 2500
A specially designed acrylic ball that has a texture design to grab the dirt and grime build-up on the rollers without scratching them. Needs no chemicals that may damage your mouse. $7.95
T & L Products

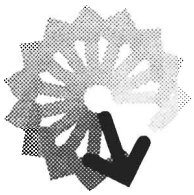
MS-500
All-metal stand attaches to the top of the A500.
$29.95 *Phoenix Electronics, Inc.*

Plexiglass case for the Amiga 2000
Limited edition — only 50 cases will be built! Eyecatcher at every show or fair. Highest quality materials used. 8mm plexiglass case. Totally see-through. 790 Deutche Marks
Advanced Computer Design

PS 500 Monitor Stand
Plastic stand for the A500 raises the computer and hides the cables. $49.95 *Studio 7*

Rat-Pad!
A mouse pad that is 10 x 12. Gives your mouse room to roam. $11.95 *T & L Products*

Removable Stik-Foot™
Stik-Foot™ is a flat non-skid joystick base (9 x 12) that can be attached to any joystick that has a flat base or suction cups. It makes the joystick easier to use by allowing one-handed operation, prevents damage to furniture, is durable, and attaches easily with hook-and-loop fastening tape. May be removed and reattached to the joystick repeatedly. Can even be used as a laptop mouse pad! $5.95
The Softwaresmith



Accessories & Services

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AND due to expansion, we can now offer desktop publishing and CAD support!

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Circle 156 on Reader Service card.

Stand for 500
All-metal stand to put monitor on top of the A500 with shelf. Also brings mouse and joystick ports around to side of machine. $64.00
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The Computer Club's Brand Foam Bat
Foolproof 100% bug free, 18" foam rubber bat. An intuitive user interface, it requires no technical knowledge of computers. Eliminates frustrating software and hardware bugs forever! A 100% compatible computer accessory! *Free with any software order. Limit one per customer.
$9.95* *The Computer Club Company*

VDS120
Vertical disk storage unit, large capacity, wall-mountable, organizing compartments. Holds over 120 3.5 disks. $29.95
Vertical Solutions

VDS240
Vertical disk storage unit, large capacity, wall-mountable, organizing compartments. Holds over 240 3.5 disks. $49.95
Vertical Solutions

•ACCESSORIES/Workstations•

The Ergotron Design Station
Free-standing design station rescues valuable desk space. Place the CPU on the adjustable shelf, which can be adjusted 6 vertically. Suspend the monitor above the desk using the workstation's hydraulic Radial Arm, which provides 20 horizontal, 20° tilt, and 360° rotation. Models in 25" and 30" widths, and 64", 70" and 78" heights. $1,065.00 to $1,600.00
Ergotron

The Ergotron Workstation Suspended Radial Arm Computer
Workstation designed to save valuable work space by suspending the monitor and processor above the work surface. Provides shelf for the processor and a radial arm that suspends the monitor above the desktop. The pivoting arm lets the user adjust the monitor to any position and provides a 6 vertical adjustment, 20° tilt, and 360°rotation with the touch of a hand. Models in 25" and 30" widths, and 64", 70", 78" heights.
$625.00 to $1,600.00 *Ergotron*

•SERVICES•

35mm Color Slide Transformer Service
Provides 35mm slides of Amiga IFF and HAM graphics and picture files, using a professional computer image film recorder. No image distortion because of screen curvature. Prices vary according to service.
Hammond Photographic Services

35mm Slides
35mm slides of your Amiga artwork. Converts all IFF files distortion-free with raster lines filled. HAM files also converted. Printouts from Xerox 4020 from IFF files also available. First 4 slides, $10 each. *Tru-Image*

Action Graphics Imaging and Output Services
Full image production house that specializes in transferring multi-format images to color slides, color photos, video & disk. We can press computer graphics & animation, videotape & disk, Autocad.dxf Files, 24- bit Amiga, MAC II, Targa, and sun files. Conversion Between graphic formats available. Other services include: Quality digitaization from artwork & video, 3-D animation & graphics, flying logos, Auto cad renderings, Chroma-key special effects, high resolution slides, single-frame animation, 35mm motion picture film recording, Quality video background and CGI. Fasy turnaround, Cost-effective rates. Demotape for $20.00. Call or write for more information. *Action Graphics*

AmiForum
Information exchange, including monthly newsletter and discussion forum. Demo disk, $3; free brochure; free copy of newsletter on request. $19.95/year *Gladstone Productions*

Amiga File Transfer to Video Tape
High quality in transferring Amiga files to videotape. Recorded in component with color correction for legal video values onto BetacamSP. Dubs to 1 tape, 3/4 U-matic + SP VHS and S-VHS. $100.00 per working hour (+ tape material).
Philadelphia Video Lab Inc.

Amiga Graphic Services
Laser Prints (Color or Black & White)Typesetting From Linotronic 300 To Paper or film, Color Separations, Color Scanning, 35mm Slides and Print Production;Service by Mail, UPS, FedX or Modem to our 24-hour bulletin board. Call George Heyser or John Preston for password or information.*(214) 437-9119*
Metropolitan Computer Produts, Inc.

Amiga Graphics Services
Have any art digitized in hi-res to disk; film recording of IFF disk image; 4-color separations. No raster lines or screen warping.
$4/image; $20 minimum.
MuellerVisual Productions

Accessories & Services

Applied Creative Arts
A complete graphics service bureau offering downloading services for computer artists, researchers, video producers, designers, and anyone interested in high-quality output at reasonable prices. Services include 35mm color slides, Vu-Graphs, photographic prints, high-resolution digitizing, color separations, halftones, video transfers, and custom services. All work is done in-house. Prices vary with services and materials ordered.
Applied Creative Arts

Black Cat Printing Services
Desktop publishing services. Call for details.
Black Cat

CV Design Services
Enhance existing images with various software packages. Amiga IFF files from disk (Polaroid Palette) to slide, IFF files designed (Polaroid Pallette and screen shot), color and black-and-white hardcopy from Okimate 20 Thermal printer (75 dpi), digitized or designed images to Amiga disk, video animation, art makeup and design (complex graphics). Laser service (300 dpi) in color or black-and-white, overheads also possible. Art production and transfer service of slides. Conversions and video disk support available. Call or write for information.
CV Designs

DIGITAL FORMATIONS
High Quality Digitizing of photos and other 2D Media in requested resolution. $8.00 First Picture $4.00 additional ones. *DIGITAL FORMATION*
(please see display ad this page)

Educational Consulting
As both an Amiga Educational Dealer and a teacher using Amigas, Mr. Horan offers educational training, consulting and products from kindergarten through Grade 12. Call for information. *Mr. Horan's Computer Lab*

Four Color Separation
Four-color separation for computer graphics saved in the IFF file format. Direct digital conversion from RGB to CMYK. No scanning. 4x5. $150.00 *ImageSet*

Giraffe-X Desktop Services
Full service graphic design, desktop publishing service bureau, Postscript laser printing, Linotronic typesetting and color separations, color scanning (ASDG Scanlab), video digitizing, color printing, color slide production and output services. Call for information.
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Circle 140 on Reader Service card.

Marketing Services
Marketing and licensing agency, represents software firms. Prices unavailable.
FOCAL Software Productions

Photographic Hardcopy from Amiga Files
Slides, transparencies, black-and-white and color prints with no scan lines, full file resolution and correct color reproduction.
Commercial service price on request.
Philadelphia Video Lab Inc.

Prosumer Print-color & Black and White
High-quality color and black-and-white print with image size of 6 1/8 x 4 5/8. No scan lines, full file resolution and correct color reproduction. Delivery: 5 days.$7.50 per print (minimum 3 prints + $5.00 for S & H)
Philadelphia Video Lab Incorporated

Prosumer Slide
Slides with no scan lines, full file resolution and correct color reproduction. Same quality as Commercial Service, but delivery in 10 days. $7.50 per print (minimum 3 prints +$5. 00 for S & H) *Philadelphia Video Lab Inc.*

Slide Service
Film recording service. Prices as low as $3 per slide, with a minimum order of 2. All Amiga graphic modes and resolutions supported. Call for details. *Slide City*

T-Shirt Imprints
We will transform HAM and IFF graphics to a T-shirt or sweat shirt. Full color imprinted on small, medium, large, or X large T's or sweats. Available in white only. T-shirts: $20.00; Sweats: $25.00 +$5.00 shipping and handling
Take 1 Video Productions, Inc.

Transparencies
High-quality transparencies. Saved in IFF format. Direct digital transfer from computer disk to transparency. Sizes start at 4 x 5.
$120.00 *ImageSet*

Animation Custom Object Processing
Custom 3D modeling of any object, from photo or description, modeled in Silver, Sculpt 4D, or Videoscape 2.0.formats. $199.00
Mission Graphics Support

+LAST MINUTE

These items were either received at the last minute or were inadvertantly omitted from their proper categories. In any case, we felt they were too important to leave out.

SOFTWARE

ENTERTAINMENT

Altered Beasts by Sega
Summoned by Zeus, God of Thunder, you have been awakened from the dead to challenge the wicked Neff, God of the Underworld, for the fate of Athena. You are the Altered Beast bestowed with five formidable forces of tranformation — each more ferocious, more overwhelming than the last. In this worldwide arcade hit you destroy Grave Masters, Chicken Stringers, Cave Needles and other treacherous foes. $39.95
Electronic Arts

Blades of Steel
It's time for full-speed, high-contact hockey. The puck is dropped, you take control, center it and...Whoa! Your opponent viciously checks you from behind. You charge after him. Suddenly tempers flare, off come the gloves and you're swinging fists like a prize fighter. You can even rack up assists or play goalie in the penalty scenes. $44.95
Konami, Inc.

Dragon's Lair: Escape from Singe's Castle
Plunge further into the depths of the Dragon's Lair! Just when you finally rescued Daphne from Singe the Dragon, along comes his master, the Evil One, and steals her away again. Match wits with the new challenges that confront you as well as totally new encounters never before seen in the original Dragon's Lair®. Muster all your skill and cunning to free Daphne once again in the brilliant final battle deep within the cavernous dungeons beneath the Castle. Escape from Singe's Castle installs on any hard drive, runs multitasking and even links with the original Dragon's Lair to allow you the ultimate playing experience. $69.95
Media Technology

NY Warriors
The World Trade Center has been taken by terrorists! As the commander of an elite strike force, you are the only one who can keep them from blowing it up!. 1 meg version: $49.99; 512K version: $39.99
Virgin Mastertronic

The Legend of William Tell
Perched on top of your young son's head, the shiny red apple seems to dance in the crossbow's sight. Sweat trinckles into your eyes as you strain to keep the target absolutely still. A miss detroys your only son, but split the fruit and you both live to fight for freedom another day. No one said it would be easy. Travel through more than 100 unique and colorful screens while befriending or fighting monks, castle guards, wolves and others. Engage your enemies with a variety of weapons, including three different crossbows that you can aim using the unique "crossbow targeting window". $39.95 *Electronic Zoo*

Tracker's Quest
The family entertainment package for ages 4 to adult. Find the elusive and dangerous wild computer beast. Stay on its trail and you will capture it; step off and it gets raw tracker for dinner. Special learn mode for children. Promotes memory enhancement and computer skills, and includes a music system to calm the savage beast. $34.95
Backwoods Software

Treasure Trap
The Esmeralda's gold is just inches away, but it might as will be a mile. You need help, but only the slimy jellyfish have any friends in this algae-covered wreck. A poisonous stingray races at you and a hammerhead darts in from the left. Your air supply is running low and you can't find the key to the door that blocks your exit. Run, jump, and float through 100 multi-level rooms where you dodge crabs, eels, and octopi that won't give up without a battle. Solve unusual puzzles and figure out clever traps as you capture friendly fish, pick up lost keys and search for tanks of air, being careful that the last words you hear aren't, "Glub, Glub." $39.95 *Electronic Zoo*

DESKTOP VIDEO/Utilities

Broadcast Backgrounds
Four-disk, 36-image collection of high and medium resolution graphics to be used as backgrounds with titling programs such as Broadcast Titler and TV*Text Professional, and paint/animation programs such as DeluxePaint III. These are IFF files which can be modified. The backgrounds provide a variety of effects such as brickface, wood, gradiation, and 3D perspectives. Also included is a slide show that will allow a quick look at each background. $44.95 *Computers, Etc.*

PROGRAMMING/Entertainment

T.A.C.L.
Written by Alternate Realities, T.A.C.L. (The Adventure Construction Language) is a full-featured text/graphics adventure language that allows you to unleash your creativity. T.A.C.L. is a programming language that allows anyone—from a novice to an experienced programmer—to construct their own commercial-quality adventure games. T.A.C.L. supports all IFF graphics (including HAM), sound, a wide variety of text styles, and vector graphics (drawn with VGED, which is included), Unlimited rooms and objects are available. Your only limit is your imagination! Includes freely redistributable play module. $99.95
Micro Momentum, Inc.

PROGRAMMING/Graphics

Analytic Art
Mathematically produces drawings easily. Six programs, three fractal generators for Madelbrots, Julia sets, Henon plots, and Siepinski gaskets. Three post-processing programs. The spheres porgram maps pictures on spheres. 3D program puts art into 3D with optional color driven Z heights. The Galley lets you add special effects like color animation, color evolution, anfd more. Includes documentation. $59.95
Crystal Rose Software

True BASIC 3D Graphics
Create 3D graphics with True BASIC 3D graphics and the True BASIC language system. Supports perspective and parallel views, arbitrary oblique projections, cabinet, and cavalier projections, circles, rectangles, grids, polygons, text plotting, and contour plots. Also provides basic animation tools. $69.95 *True BASIC, Inc.*

PROGRAMMING/Music

HMSL
Hierarchical Music Specification Language. An object-oriented Forth-extension language for

ADDITIONS!+

experimental music composition. Three modules: graphic editor (CREATE), real-time stimulus response environment (PERFORM), and complex hierarchical scheduler (EXEC). Includes utilities for designing real time intelligent instruments, controlling and responding to MIDI devices, and more. Includes source code. Requires JForth. $ 150.00
Frog Peak Music

PROGRAMMING/Utilities

Personal Confidence
Configuration control package and programming aid that provides the user with tools for revision control and security of source codes, documents, sounds, graphics, and more — with personal confidence. Single user with security. $149.95
Backwoods Software

Professional Confidence
Configuration control package and programming aid that provides the user with tools for revision control and security of source codes, documents, sounds, graphics, and more — with personal confidence. Multiple users with enhanced security. $499.95
Backwoods Software

HARDWARE

DRIVES/Hard Drives/Controllers Only/Autoboot

SA-5 Host Adaptor
SCSI host adaptor for the A-500 features Xetec's high-performance DMAx™ hardware, autoboot ROM, autoconfig circuitry, and system bus pass-through. FastRam expansion connectors. Macintosh-compatible 25-pin SCSI connector, provision for +5v from SH-series enclosures, and low-profile steel enclosure. Also included is a FastTrak disk with utilities, 25-pin shielded SCSI cable, manual, and 25-pin to 50-pin SCSI adaptor board. $249.95
Xetec, Inc.
(please see display ad page 25)

SA-10 Host Adaptor
SCSI host adaptor for the A-100 features Xetec's high-performance DMAx™ hardware, autoboot ROM, autoconfig circuitry, and system bus pass-through. FastRam expansion connectors. Macintosh-compatible 25-pin SCSI connector, provision for +5v from SH-series enclosures, and low-profile steel enclosure. Also included is a FastTrak disk with utilities, 25-pin shielded SCSI cable, manual, and 25-pin to 50-pin SCSI adaptor board. $249.95
Xetec, Inc.
(please see display ad page 25)

DRIVES/Hard Drives/Controllers Only/Autoboot/with Expansion Memory Capability

A2091
The A2091 is a high-performance autobooting hard disk controller and memory expansion board. The device can be fitted with 2 MB of memory and provides improved SCSI capabilities. Additionally, the controller provides space for mounting a 3.5" hard disk.
$399.00 *Commodore Business Machines*

DRIVES/Hard Drives/Complete

Tiny Tiger 45 Meg
External 45 meg hard drive for the entire Amiga family. Connected via the parallel interface, this drive offers a transfer rate of 500K per second. Every drive is shipped with Ultra DOS™ by Free Spirit Software, Inc.. 18-month warranty. $729.00
Memory and Storage Technology, Inc. M.A.S.T
(please see display ad page 9)

Tiny Tiger 136 Meg
External 136 meg hard drive for the entire Amiga family. Connected via the parallel interface, this drive offers a transfer rate of 500K per second. Every drive is shipped with Ultra DOS™ by Free Spirit Software, Inc.. 18-month warranty. $1499.00 *Memory and Storage Technology, Inc. M.A.S.T*
(please see display ad page 9)

Tiny Tiger 182 Meg
External 182 meg hard drive for the entire Amiga family. Connected via the parallel interface, this drive offers a transfer rate of 500K per second. Every drive is shipped with Ultra DOS™ by Free Spirit Software, Inc.. 18-month warranty. $1749.00 *Memory and Storage Technology, Inc. M.A.S.T*
(please see display ad page 9)

DRIVES/Hard Drives/ Complete/ Autoboot/with Expansion Memory Capability

A2091-40
The powerful A2091-40 is an autobooting 40MB SCSI hard drive controller which is now a standard part of the 2000HD™ and 2500/30. It is also available as a card for the 2000 family. It features the A2091 controller (see above) and a 40 MB hard disk. $899.00
Commodore Business Machines

MISCELLANEOUS HARDWARE/ Music

MidiA Musicbox
The Musicbox is a 26-voice synthesizer designed to be used as part of a computer-based music system. It matches the color of the computer and easily fits under a monitor. The musicbox has three synthesis "engines":FM synthesis (12 voices), Analog synthesis (6 voices), and PCM Sample PLayback (8 voices). There are 480 FM and 480 Analog patches, and 37 percussion samples. Half of the FM and Analog patches are editable through software. The Musicbox instantaneously allocates voices to channels. The 32 Doubles allow the user to combine any to patches at any pitch and velocity offset and treat it as a single patch. The Musicbox stores four drum kits or mapping of external sounds. The built-in computer interface eliminates the need for an external MIDI interface. $995.00
Marquis Music

VIDEO HARDWARE

Videon
Videon is a direct NTSC video digitizer. Extensive software includes full image processing and 3D mapping of images. $399.95
Power Computing Ltd.

SERVICES

Amiga Graphics Services
We provide imaginative, high-quality graphics and animations for commercials and industrial/corporate videos. Titles (animated or still) and/or animations provided in the format of your choice (VHS, S-VHS, 3/4 inch). Perfect resource for small, independent video producers. Amiga animators and artists — we can put your Amiga artworks and animations on videotape. Only professional video equipment used. Other graphics services also available.
Please call for pricing. *Viewtopia*

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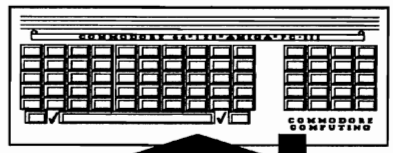

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Inquiry #252

Backwoods Software
P.O. Box 305
Wallowa, OR 97885
(503) 886-9075
orders (800) 826-1779
Inquiry #181

Bassett Geographic
1103 Rudd Avenue
Auburn, AL 36830
(205) 887-9057
Inquiry #253

Baudville
5380 52nd St. SE
Grand Rapids, MI 49508
(616) 698-0888
Inquiry #254

Beeshu, Inc.
101 Wilton Avenue
Middlesex, NJ 08846
(201) 968-6633
(201) 968-6868
Inquiry #255

Benaiah Computer Products, Inc.
P. O. Box 14502
Huntsville, AL 35815
(205) 881-1110
Inquiry #256

Benetech Electronic Supply
1103 Royal Parkway #109
Euless, TX 76040
(817) 354-1034
(817) 354-0946
Inquiry #108

Beta Unlimited
87 Summit Street
Brooklyn, NY 11231
(718) 624-5738
(718) 852-8646
Inquiry #258

Bethesda Softworks
15235 Shady Grove Rd, Ste 100
Rockville MD 20850
(301) 926-8300
Inquiry #259

Bigfoot Computer Services dba Bigfoot Software
912 Karl Street
Green Bay, WI. 54301-2225
(414) 435-4517
Inquiry #260

Bill's Boards
9528 Miramar Road, Suite 181
San Diego, CA. 92126
(619) 486-2329
(619) 486-0908
Inquiry #261

BIX(Byte Infirmation Exchange)
Available Via Tymnet
(800)227-2983 voice
(603)924-9281 voice from NH
Inquiry #262

Black Cat
7 Coode St.
Bayswater, WA 6053
AUSTRALIA
(09) 272-5895
Inquiry #263

Blank Software
P. O. Box 6561
San Francisco, CA 94101
(415) 863-9224
Inquiry #264

Blue Ribbon Bakery Inc.
1248 Clairmont Road Suite 3D
Atlanta, GA 30030
(404) 377-1514
Inquiry #265

BOING !
1881 Ellwell Drive
Milpitas, CA. 95035
(408) 262-1469
Inquiry #266

Brantford Educational Services
222 Portage Road,
P.O.Box 1327
Lewiston, NY 14092
(519) 756-6534
Inquiry #268

Britannica Software
345 Fourth Street
San Franciso, CA 94107
(800) 572-2272; In CA
(415) 546-1866
Inquiry #269

Broderbund Software Inc.
17 Paul Drive
San Rafael, CA 94903
(800) 527-6263 (415) 492-3200
Inquiry #270

Brookfield Communications
3820 Griffith View Drive
Los Angeles, CA 90039
(800) 533-dB60
(213) 668-0030
Inquiry #271

Brown-Wagh Publishing, Inc.
16795 Lark Ave Suite 210
Los Gatos, CA 95030
(408) 395-3838
Inquiry #272

BTPSoftware
3515 Race Lane Road
Okeana, OH 45053
Inquiry #273

Buena Vista Software
500 S. Buena Vista St.
Burbank, CA 91521
(818) 972-3440
Inquiry #274

Byte by Byte
Aboretum Plaza II 9442
Capitol of TX Hwy N. Suite 150
Austin, TX 78759
(512) 343-4357
Inquiry #275

Cachê Systems
917-A Disc Drive
Scotts Valley, CA. 95066
(408) 438-8318
Inquiry #276

CADVISION
Distributed by American
Software Distributers
Inquiry #277

California Access
780 Montague #403
San Jose, CA 95131
(408) 435-1445
Inquiry #278

California Dreams
780 Montague Expressway #403
San Jose, CA 95131
(408) 435-1445
Inquiry #279

Canadian Software Developers
4 Caithness Avenue
Toronto, Ontario,
CANADA M4J 3X7
(416) 466-7542
(416) 466-6450
Inquiry #280

Capcom, U.S.A.
3303 Scott Blvd.
Santa Clara, CA 95054
(408) 727-0400
Inquiry #281

Cape Fear Teleproductions, Inc.
see: TeleGraphics International
Inquiry #282

Capilano Computer Systems
1168 Hamilton St, Suite 501
Vancouver, BC
CANADA V6B 2S2
(604) 669-6343
Inquiry #283

Cardinal Software
13646 Jefferson Davis Highway
Woodbridge, VA 22191
(703) 491-6494
Inquiry #284

Celestial Data Systems
1559 E-Pacific Coast Hwy. #607
Hermosa Beach, CA 90254
(213) 376-4343
Inquiry #285

Celestial Systems
Suite 165 Box J
Manhattan Beach, CA 90266
(213) 372-1229
Inquiry #286

Centaur Software Inc.
P.O. Box 4400
Redondo Beach, CA. 90278
FAX (213)542-9998
(213)542-2226
Inquiry #287

Central Coast Software
424 Vista Avenue
Golden, CO 80401
FAX (303) 526-0520
(303) 526-1030
Inquiry #288

Checkpoint Technologies
P.O. Box 2035
Manassas, VA 22110
(703) 330-5353
Inquiry #141

Chilton Book Company
201 King of Prussia
Radnor, PA 19089-0230
(800) 345-1214 (215) 964-4000
Inquiry #290

Cinemaware Corp.
4165 Thousand Oaks Blvd.
Westlake Village, CA 91362
(805) 495-6515
Inquiry #291

Clackamas Computers
16140 SE. 82nd Dr.
Clackamas, OR 97015
(503) 650-0379
Inquiry #292

CLASSIC CONCEPTS Futureware
P. O. Box 786
Bellingham, WA 98227-0786
Email:portal!cup.portal.com!
Classic_-_Concepts
(206) 733-8342
FAX (206) 647-0752
Inquiry #293

Classic Future
510 Rhode Island Avenue
Cherry Hill, NJ 08002
(609) 667-2526
Inquiry #294

Clockwork Computers
1605 Main Street, Suite 800
Sarasota, FL. 34236
(813) 365-1822
Inquiry #295

Coast To Coast Technologies
1855 W. S.R. 434 # 208
Long wood, FL 32750
(407) 767-0779
Inquiry #296

Comal Users Group, U.S.A., Ltd.
5501 Groveland Terrace
Madison, WI 53716
(608) 244-5614
(608) 222-4432

Command Simulations
297 North St., Building #3
Hyannis, MA 02601
(508) 790-1994
Inquiry #297

Commodore Business Machines Inc.
1200 Wilson Drive
West Chester, PA 19380
(215) 431-9100
Inquiry #298

Communications Specialties, Inc.
89 Cabot Ct.#A
Hauppauge, NY 11788
(516) 499-0907
Inquiry #299

Comp-U-Save
410 Maple Ave.
Westbury, NY 11590
(800) 356-9997 (516) 997-6707
Inquiry #300

Compu Art
PO Box 712 Victoria Station
Montreal, Quebec
CANADA H3Z 2V8
(514) 398-0454
Inquiry #301

CompuServe
Available via CompuServe
direct lines, Telephone, Tymnet
(800)848-8199 voice
(614)457-8650 from Ohio
Inquiry #302

Compute! Publications
One Chilton Way
Radnor, PA 19809
(800) 345-1214
Inquiry #303

Computer Arts
P. O. Box 529
Opp, AL 36467
(205) 493-6312
Inquiry #304

Computer Coverup, Inc.
2230 S. Calumet
Chicago, IL. 60616
(312) 326-3000
Inquiry #305

Computers, Etc!
4521-A Bee Ridge Road
Sarasota, FL.
(813) 377-1121 or
(800) 634-5546 (ORDERS)
Inquiry #127

Computerware
P. O. Box 668
Encinitas, CA 92024
(619) 436-3512
Inquiry #307

Comspec Communications
74 Wingold Ave.
Toronto, Ontario
CANADA M6B 1P5
(416) 785-3553
Inquiry #308

Conceptual Computing
6O3 Castlefield Ave.
Toronto, Ontario
CANADA M5N 1L9
(416) 781-7742
Inquiry #309

Conceptually Advanced Technologies
P.O.Box 3302
Santa Monica, CA. 90403
(213) 452-1732
Inquiry #310

Constellation Software
17 St. Mary's Court
Brookline, MA 02146
(617) 731-8187
Inquiry #311

Consultron
11280 Parkview
Plymouth, MI 48170
(313) 459-7271
Inquiry #312

Cosmi Corporation
431 N. Figueroa St.
Wilmington, CA 90744
(213) 835-9687
Inquiry #313

Creative Solutions, Inc.
4701 Randolph Rd, Suite 12
Rockville, MD 20852
(301) 984-0262 info;
(800)3678465 orders
Inquiry #314

Crystal Rose Software
109 South Los Robles
Pasadena, CA 91101
(818) 795-6664
Inquiry #315

CSA/Computer System Assc.
7564 Trade St.
San Diego, CA 92121
FAX (619)566-3923
(619) 566-3911
Inquiry #316

CV Designs
61 Clewley Road
Medford, MA 02155
(617) 396-8354
Inquiry #179

Data East USA, Inc.
1850 Little Orchard Street
San Jose, CA 95125
(408) 286-7080 (408) 286-7074
Inquiry #318

Data Research Processing, Inc.
5121 Audrey Dr.
Huntington Beach, CA 91649
(714) 84O-7186
Inquiry #319

Data Solutions
43624 Appomattox Court
Canton, MI 48188
(313) 397-2889
Inquiry #320

Datamax Research Corp.
Box 5000
Bradford, Ontario L37 2A6
(416) 250-7424
Inquiry #321

DATAPATH
P.O. Box 1828
Los Gatos, CA 95031
Inquiry #322

DataSoft
Distributed by Electronic Arts
Inquiry #323

DATASOUND
603 Brantley Place
Virginia Beach, VA 23452
(804) 431-1362
Inquiry #324

Datel Computers
3430 E. Tropicana #67
Las Vegas, NV. 89121
(800)782-9110
FAX (508) 675-6002
Inquiry #325

Day's
17538 Glen Road
Gambier, OH 43022
(614) 397-5639
Inquiry #326

Delphi Noetic Systems, Inc.
P. O. Box 7722
Rapid City, SD 57709
(605) 341-2580
Inquiry #327

Delta Graphics
48 Dighton Street Suite 2
Brighton, MA. 02135
(617) 254-1506
Inquiry #328

Delta Research
P. O. Box 1051
San Rafael, CA 94915
(415) 461-1442
Inquiry #329

Designing Minds, Inc.
3006 N. Main
Logan, UT 84321
(801) 752-2500
Inquiry #330

Designlab
P. O. Box 419
Owego, NY 13827
(607) 687-5740
Inquiry #331

DesignTech Business System
850 Burrand St., Suite 304
Vancouver, BC
CANADA V6Z 2J1
(604) 669-1855
Inquiry #332

DevWare, Inc.
10474 Rancho Carmel Drive
San Diego, CA 92128
(619) 673-0759
Inquiry #333

Diemer Development
12814 Landale St.
Studio City, CA 91604
(818) 762-0804
Inquiry #334

DigiFeX Corporation
610 Main Street
Oregon City, OR 97045
(503) 656-8818
Inquiry #335

Digiscape Software
P.O. Box 113058
Carrollton, TX. 75011-3058
(214) 241-9891
Inquiry #336

DigiSoft
12 Dinmore Street
Moorooka, Brisbanc
Queensland AUSTRALIA 4105
(617) 277-3255
Inquiry #337

Digital Animation Productions
10 Thatcher Street Ste.116
Boston, MA. 02113
(617) 720-2038 or
(617) 720-2355
Inquiry #338

Digital Concepts
43035 Hayes Road Suite 229
Sterling Heights MI 48078
(313) 772-1416
Inquiry #339

Digital Creations
2865 Sunrise Boulevard,
Suite 103
Rancho Cordova, CA 95742
FAX (916) 635-0475
(916) 344-4825
Inquiry #340

Digital Designs
P.O.Box 593
Whiteville, NC 28472-0593
(919) 642-6295
Inquiry #341

Digital Dynamics
739 Navy Street
Santa Monica, CA 90405
(213) 396-9771
Inquiry #342

Digital Formations
P.O. Box 3606
Lakewood, CA. 90711-3606
Inquiry #140

Digital Solutions, Inc.
PO Box 345 Station A
Willowdale, Ontario
CANADA M2N 5S9
(416) 731-8775
Inquiry #345

DigitalArts/257
1033 Peachtree Street N.E.
Atlanta, GA 30309
Inquiry #346

DigiTek Software
8910 N. Dale Mabry Exec Ctr. Ste #37
Tampa, FL 33614
(813) 933-8023
Inquiry #347

Discovery Software
163 Conduit St.
Annapolis, MD 21401
(301) 268-9877
Inquiry #348

dissidents
730 Dawes Ave.
Utica, NY 13502
(315) 797-0343
Inquiry #349

Dr. T's Music Software, Inc.
220 Boylston St. #306
Boston, MA 02167
(617) 244-6954
Inquiry #350

Duggan DeZign Inc.
16 Oak Ridge Drive
West Warwick, RI 02893
(401)826-0140
(401)826-2961
Inquiry #105

Eagle Tree Software
P. O. Box 164
Hopewell, VA 23860
(804) 452-O623
Inquiry #352

EaseWare
11160F South Lakes Drive
Suite 305
Reston, VA 22091
(703) 709-9686
Inquiry #353

East/West Software
73 Lorna Lane
Suffern, NY 10901
(914) 627-2831
Inquiry #354

EasyScript! Software
10006 Covington Drive
Huntsville, AL. 35803
(205) 881-6297
Inquiry #355

ECE Research & Development
1651 N. Monroe St.
Tallahassee, FL 32303
(904) 681-0786
Inquiry #356

Eclipse Data Management
511 West Glen Oaks Blvd.
Suite 345
Glendale, CA 91202
(818) 243-0313
Inquiry #357

Elan Design
P. O. Box 31725
San Francisco, CA 94131
FAX(415) 359-7181
(415) 359-7212
Inquiry #358

Electronic Arts
1820 Gateway Drive
San Mateo, CA 94404
FAX (415) 571-7995
(800) 245-4525
in CA (415) 571-7171
Inquiry #359

Electronic Innovations
3017 W. Hampden Ave.
Eaglewood, CO 80110-1823
(303) 789-0608
(303) 789-0809
Inquiry #360

Electronic Zoo
3431 -A Benson Ave.
Baltimore, MD 21227
FAX (301) 646-7753
phones (301) 646-5031
Inquiry # 182

Elipsys
1997 Mayflower Drive
Woodbridge, VA. 22192
(703) 490-8157
Inquiry #361

Elkon Enterprises
4654 Mistletoe
Wichita Falls, TX 76308
(817) 691-0964
Inquiry #362

Emerald Intelligence
3915 Research Park Dr Ste A1
Ann Arbor, MI 48108
(313) 663-8757
Inquiry #363

Empire Graphics
P.O.Box 964
Union, N.J. 07083
(201)964-7864
Inquiry #364

Ensign Software
2641 Shannon Court
Idaho Falls, ID. 83404
Inquiry #365

EPYX
600 Galveston Drive, Box 8020
Redwood City, CA 94063
FAX (415) 369-2999
Inquiry #366

Eraware
P. O. Box 10832
Eugene, OR 97440
(503) 345-9178
Inquiry #367

Ergotron
3450 Yankee Drive Suite 100
Eagan, MN 55121
(800) 888-8458 (612) 452-8135
Inquiry #368

Erisian Software Products
132 Cedar Dunes
New Smyrna Beach, FL 32069
(904) 423-3949
Inquiry #369

Ethos Development
3617 Lawson Blvd.
Delray Beach, FL 33445
(407) 496-0843
Inquiry #370

Eurosoft International Inc.
70 Woodfin Place, Suite 400
Asheville, NC 28801
(704) 255-7590
Inquiry #371

Expansion Technologies
44862 Osgood
Fremont, CA 94539
(415) 656-2890
Inquiry #372

Expert Services
5912 Centennial Circle
Florence, KY 41042
(606) 371-9691
(606) 371-9690
Inquiry #373

Express-Way Software, Inc.
PO Box 10290
Columbia, MO 65205-4005
(314) 474-2984
Inquiry #122

EyefulTower Communications/ Earful Tower Productions
15 Rocydale
Bristol, VT 05443
(802) 453-4293
Inquiry #375

EZSoft
21125 Chatsworth St.
Chatsworth, CA 91311
(818) 341-8681
Inquiry #376

First Byte Inc.
Distributed by Electronic Arts
Inquiry #377

First Row Software Publishing
3624 Market St.
Philadelphia, PA 19104
(215) 662-1400
Inquiry #378

Flight Training Devices
P. O. Box 91723
Anchorage, AK 99509
(907) 276-6719 (Bef 11 A.M.EST)
Inquiry #379

Focal Press
80 Montvale Ave.
Stoneham, MA 02180
(800) 544-1013
Inquiry #380

FOCAL Software Productions
P.O. Box 14543
Minneapolis, MN. 55414
(612) 646-6752
Inquiry #381

For Art's Sake
2455 Volusia Ave. #206
Daytona Beach, FL 32114
(904) 252-6442
Inquiry #382

Free Spirit Software, Inc.
P. O. Box 129, 58 Noble St.
Kutztown, PA 19530
(215) 683-5609
Inquiry #383

Frog Peak Music
P. O. Box 9911
Oakland, CA 94613
(415) 461-1442
Inquiry #384

FTL Games
6160 Lusk Blvd. C-206
San Diego, CA 92121
(619) 453-5711
Inquiry #385

Fuller Computer Systems
P. O. Box 92222
Mesa, AZ 85214
(602) 835-5018
Inquiry #180

Future Computer Applications
P. O. Box 6140
Santa Fe, NM 87502
(505) 984-0774
Inquiry #387

Generic News Magazine
1729 Manitoba Circle
Corona, CA 91720
(714) 737-3760
Inquiry #388

GEnie (General Electric Information Services)
401 North Washington
Rockville, MD. 20850
Available via: GEnie dedicated phone lines
(800)638-9636
Inquiry #389

GENP
37 Charles St.
Cheltenham Victoria 3192
AUSTRALIA
in Australia (03) 584-2765
int.613-584-2765
Inquiry #390

Geodesic Publications
P. O. Box 956068
Duluth, GA 30136
(404) 822-0566
Inquiry #391

Gfx Base
1881 Ellwell Drive
Milpitas, CA. 95035
(408) 262-1469
Inquiry #392

Gimpel Software
3207 Hogarth Lane
Collegeville, PA 19426
(215) 584-4261
Inquiry #393

Giraffe-X Desktop Publishing
1826 Divisadero Street
San Francisco, CA 94114
(415) 567-5780 or 346-9166
Inquiry #394

Gladstone Productions
7744 Pickering Ave.
Whittier, CA 90602
(213) 696-3372
Inquiry #396

GlennLoc Corporation
3903 Carolyn Avenue
Fairfax, VA. 22031
(703) 273-5663
Inquiry #397

Go Software
RR#1 Box 442 Spicer Road
Thompson, CT. 06277
(203) 923-2348
Inquiry #398

Gold Disk, Inc.
P. O. Box 789
Streetsville Ontario
CANADA L5M 2C2
(416) 828-0913
Inquiry #399

Golden Hawk Technology
427-3 Amherst Street, Suite 389
Nashua, NH 03063
(603) 424-0269
Inquiry #400

GRAFX Computing
6680 Wiltsie Road
Panama, NY 14767
(716) 782-2468
Inquiry #401

Gramma Software
17730 15th Ave N.E. Suite 223
Seattle, WA 98155
(206) 363-6417
Inquiry #402

Graphic Design Studio
417 Transcontinental Drive
Metairie, LA 70001
(504) 455-0341
Inquiry #403

Graphic Expressions
P. O. Box 110028
Nutley, NJ 07110
(201) 661-0408
Inquiry #404

Great Cover-ups
P. O. Box 751
Oregon City, OR 97045
(503) 655-0602
Inquiry #4005

Great North Publications
2814 Third Street North
St. Cloud, MN 56303
(612) 251- 8312
Inquiry #406

Great Valley Products
225 Plank Ave.
Paoli, PA 19301
(215) 889-9411
Inquiry #407

Haitex Resources
P.O. Box 20609
Charleston. SC 29413
(803) 881-7518
Inquiry #408

Hammond Photographic Services
11280 Washington Place
Culver City, CA 90230
(213) 390-3010
Inquiry #409

Hash Enterprises
2800 E. Evergreen Blvd.
Vancouver, WA 98661
(206) 693-7443
Inquiry #410

HC Software Australia
GPO Box 2204
Adelaide 05001 AUSTRALIA
(08) 344-6897
Inquiry #411

Hewlett Packard Company
16399 W. Bernardo Drive
San Diego, CA. 92127-1899
(619) 592-4676
Inquiry #412

Hi Tech Graphics
P. O. Box 446
Tallmadge, OH 44278
(216) 633-7966
Inquiry #413

Hilton Android
P. O. Box 7437
Huntington Beach, CA 92615
(714) 963-4584
Inquiry #414

Hokianga Software
PO Box 67
Rawene, Hokianga, NEW
ZEALAND 0473
(int) +64 887 57761
Inquiry #416

Hologramophone Research
331 East 14th Street, Suite 4B
New York, N.Y. 10003
(212) 529-8845
Inquiry #417

Howard W. Sams & Co., Inc.
11711 N. College Ave.
Carmel IN 46032
(317)573-2500(office)
(800)247-5755(orders)
Inquiry #418

Iconoclassic Software, Inc.
PO Box 31323
Richmond, VA 23294
(804)359-4085
Inquiry #419

Ideal Hardware Ltd.
3rd Floor Low Rise,
Tolworth Tower
Surbiton, Surrey
KT6 7EL England
01 390 1211
Inquiry #420

IDG Communications
80 Elm St.
Peterborough, NH 03458
(603) 924-4061
Inquiry #421

Image Tech
9276 Adelphi Rd, Suite 102
Adelphi, MD 20783
(301) 439-1151
Inquiry #422

ImageSet
555 19th St.
San Francisco, CA 94107
(415) 626-8366
Inquiry #423

Impressions
4018 West 65th Street
Minneapolis, MN 55435
(612) 926-0302
Inquiry #424

Impulse, Inc.
6870 Shingle Creek
Parkway #112
Minneapolis, MN 55430
FAX (612)566-1822
(612) 566-0221
Inquiry #425

Imtronics Inc
12301 S.W. 132 Court
Miami, FL. 33186
(305) 255-6903
(305) 255-9302
Inquiry #426

Incognito Software
26717 Plymouth
Redford, MI 48239
(313) 937-1850
Inquiry #427

Infocom
3885 Bohannon Dr.
Menlo Park, CA 94025
(415) 329-0800
FAX (415) 322-0260
Inquiry #428

Inforite Corporation
1670 Amphlette Blvd. Ste. 201
San Mateo, CA 94402
(415) 571-8766
Inquiry #429

Inkwell Systems
1050 R-Pioneer Way
El Cajon CA 92020-1943
(619) 440-7666
Inquiry #430

Inner Circle Software
P.O.Box 486
Northboro, MA. 01532
BBS (508) 393-3875
Inquiry #432

InnerPrise Software, Inc.
128 Cockeysville Road
Hunt Valley, MD 21030
(301) 785-2266
Inquiry #434

InnoVision Technology
1933 Davis St. Ste. 238
San Leandro, CA 94577
(415) 638-8432
Inquiry #435

Inovatronics, Inc.
8499 Greenville Ave., Ste 209B
Dallas, TX 75231
(214) 340-4991
Inquiry #436

Inset Systems
71 Commerce Drive
Brookfield, CT. 06804
(203) 775-5866
Inquiry #437

Intelligent Music
116 North Lake Ave.
Albany, NY 12206
(518) 434-4110; (800) 344-2086
Inquiry #438

Interactive Microsystems
P. O. Box 1446
Haverhill, MA 01831
(508) 372-0400
Inquiry #439

Interactive Softworks
2521 S. Vista Way, Suite 254
Carlsbad, CA 92008
(619) 434-5327
Inquiry #440

Interactive Video Systems
11612 Knott Ave. Ste.13
Garden Grove, CA. 92641
FAX (714) 898-0858
(714) 890-7040
Inquiry #441

InterCore Development Systems
7 Doverhill Drive
Nesconset, NY 11767
(516) 361-8628
Inquiry #442

Interface Technologies Corporation
3336 Richmond Ave, Ste 323
Houston, TX. 77098
(713)523-8422 or (800)922-9049
(outside Texas)
Inquiry #443

Interstel
Distributed by Electronic Arts

INTOUCH TUTORIALS
3001 Red Hill Avenue
Building 108
Costa Mesa, CA 92626
(714) 546-4814
Inquiry #444

Intracorp, Inc.
14160 S.W. 139th Court
Miami, FL 33186
(800) 468-7226
Inquiry #445

Intuitive Technologies
2700 Garden Road, Suite 6
Monterey, CA. 93940
(408) 373-4018
Inquiry #446

ISD Marketing
2651 Johns St. Unit 3
Markham, Ontario
CANADA L3R 2W5
(416) 479-1991
Inquiry #448

ISM, Inc.
PO Box 247
Phoenix, MD 21131
(301) 527-1988
Inquiry #449

JDK Images/Shefeff Systems
15075 SW Koll Pkwy Ste G
Beaverton, OR 97006
(503)626-2022
Inquiry #450

Jet Technology
16 Pembroke Road
Weston, MA 02193
(617) 239-8383
Inquiry #451

JMH Software
7200 Hemlock Lane
Maple Grove, MN 55369
(612) 424-5464
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Joe's First Company
208 Glenayr Road
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CANADA M5P 3C3
(800) 387-8967; (416) 322-6119
Inquiry #453

John 1:1 Graphics
P. O. Box 316
Bellflower, CA 90706
Inquiry #454

Joyce I. Peck
P. O. Box 1051
Qualicum Beach, BC
CANADA V0R 2T0
(604) 752-3364
Inquiry #456

Jumpdisk
1493 Mountain View Ave.
Chico, CA 95926
(916) 343-7658
Inquiry #457

K & M Technology
1833 Reddington Road
Newark, OH. 43055
(614) 522-3718
Inquiry #458

Kara Computer Graphics
6365 Green Valley Circle # 317
Culver City, CA 90230
(213) 670-0493
Inquiry #459

KarmaSoft
PO Box 1034
Golden, CO 80402
(303) 277-1241
Inquiry #460

Keypunch Software
1221 Pioneer Building
St. Paul, MN 55101
(612) 292-1490
Inquiry #461

KFS Software, Inc.
P. O. Box 107
Largo, FL 34649
(813) 584-2355
Inquiry #462

Kinetic Designs
P.O. Box 1646
Orange Park, FL. 32067-1646
Inquiry #463

King Publishing
5300 Greenvillage Road
Chambersburg, PA. 17201
(717) 261-0512
Inquiry #464

Kinson Products Corporation
484 Sunrise Highway
Rockville Centre, NY 11570
(800) 433-6224 (516) 763-1025
Inquiry #465

Kline-Tronics
10 Carlisle Ct.
York, PA 17404
(717) 764-4205
Inquiry #466

Knowledgeware
P. O. Box 2292
Paso Robles, CA 93447
(805) 238-5233
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Konami, Inc.
900 DeerField Parkway
Buffalo Grove, IL 60089-4510
(312) 215-5111
Inquiry #468

Konyo International, Inc.
1073 North Batavia St, Ste B
Orange, CA 92667
(800) 356-5178 (714) 633-5339
Inquiry #469

KRO productions
907 Highland Road
Charleston WV 25302
(304) 345-5619
Inquiry # 181

Kurta
3007 East Chambers
Phoenix, AZ 85040
(602) 276-5533
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Lake Forest, IL 60045
(312) 816-6666
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As this issue went to press, we immediately began our next **Guide**. For the next few months we will once again be working to make the **Guide** the incredible resource that people have come to expect.

The only question is; are you in the **Guide**? For tens of thousands of Amigans and potential Amigans your products don't exist unless they are listed in the **Guide**. Don't wait for us to contact you. Check your listings in the **Guide**. Make sure they are complete and accurate. And if you have new products, or, by some chance, your product isn't already listed, contact us immediately.

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Send your listings forms to:

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AC's GUIDE TO THE COMMODORE AMIGA

Product Guide Listing Form

Please fill out one form for each product

Company Name

Please make sure your company/product name is complete and use caps only where actually used in name

Full Address

Phone/FAX

Product / Price

Availability Info

Description

Attach separate sheet if necessary

Please circle appropriate catagories

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Accelerators
Bridgeboards & Emulation Hardware
Cables
Chips
Clocks
Computer Systems
Drives
Education
Entertainment
Expansion Chassis
Expansion Memory
Experimental
Graphics
Home Security
Input devices
  Graphics Tablet
  Keyboards
  Mouses
  Touch Screens
Memory Expansion
Modems
Monitors
Port Expansion
Printers
Scientific Digitizers & Controllers
Soud & Music
Switchers
Transputers
Video

Software

Business & Home Productivity
  Accounting
  Databases
  Finance
  Forms
  Integrated
  Planning
  Statistical Analysis
  Spreadsheets
  General
DeskTop Publishing
DeskTop Video
Education
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Graphic Arts
  3D
  Animation
  Artworks
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Utilities
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889 De Haro St.
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(415) 826-6193
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LateNight Developments Corp.
#202-306 Burnside Road West
Victoria, British Columbia
CANADA V8Z 1M1
(604) 380-3032
Inquiry #472

Lattice, Incorporated
2500 S. Highland Avenue
Lombard, IL 60148
(800) 444-4309 (312) 916-1600
Inquiry #473

Lee Software
P. O. Box 742644
Dallas, TX 75374
(214) 530-2864
Inquiry #474

Lightning Bolt Computers
1737 Waltham Drive
Ann Arbor, MI. 48103
FAX (313) 769-8727
(313) 769-5670
Inquiry #475

Lionheart Press, Inc.
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Alburg, VT 05440
(514) 933-4918
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780 Montague Expwy., #403
San Jose, CA 95131
(408) 435-1445
Inquiry #477

LogiComp Software
4010 Woods Blvd.
Lincoln, NE 68502
(402) 423-6768
Inquiry #478

LRA Enterprises
35615 Avenue D
Yucaipa, CA. 92399
(714) 797-6867
Inquiry #479

Lucasfilm Games
P.O. Box 10307
San Rafael, CA. 94912
FAX (415) 662-2443
(800)STAR-WARS (800)782-7927
(415)662-1963
Inquiry #480

M.A.S.T. Memory and Storage Technology, Inc.
1395 Greg Street
Sparks, NV. 89431
(702) 359-0831
(702)359-0444
Inquiry #481

Madrigal Residential Designs
P. O. Box 2292
1635 Manzanita Ave.
Santa Rosa, CA 95405
(707) 539-5675
Inquiry #482

Magicircle Software
5628 Hampshire Lane, Suite 203
Virginia Beach, VA 23462
(804) 671-9050
Inquiry #483

Magnetic Images Co.
P. O. Box 17422
Phoenix, AZ 85011
(602) 265-7849
Inquiry #484

Magni Systems, Inc.
9500 SW Gemini Drive
Beaverton, OR 97005
(800) 624-6465 (503) 626-8400
Inquiry #485

Manx Software Systems
P. O. Box 55
Shrewsbury, NJ 07702
(800) 221-0440
Inquiry #486

Mark of the Unicorn
222 Third St.
Cambridge, MA 02142
(617) 576-2760
Inquiry #487

Marquis Music
144 Front St. W.
Toronto, Ontario
Canada M5J 2L7
(416) 595-5498
FAX (416) 595-5487
Inquiry # 185

Mastertronic International
18001 Cowan Street,
Suites A and B
Irvine, CA 92714
FAX (714) 833-8717
(714) 833-8710
Inquiry #488

Maverick Software, Inc.
4018 West 65th Street
Minneapolis, MN 55435
(612) 926- 0810
(612) 926-0302
Inquiry #489

Maxis
1042 Country Club Drive
Suite C
Moraga, CA 94556
FAX (415) 376-1823
(415) 376-6434
Inquiry #490

McLEAN Simulations
1343 RT. 163
Oakdale, CT 06370
(203) 446-3566
Inquiry #491

MCP Associates
P. O. Box 6260 Dept AC
L.I.C., NY 11106
(718) 956-9000
Inquiry #181

Media Technology Limited
15235 Shady Grove Road,
Suite 100
Rockville, MD. 20850
FAX (301) 926-8010
(301) 926-8300
Inquiry #493

Mediagenic
3885 Bohannon Dr.
Menlo Park, CA 94025
(415) 329-0800
Inquiry #494

MegageM
1903 Adria
Santa Maria, CA 93454
(805) 349-1104
Inquiry #495

Megatronics
1094 N. Main Street
Logan, UT 84321
(800) 232-6342; (801) 752-2642
Inquiry #496

Meggido Enterprises
P. O. Box 3020-191
Riverside, CA 92519
(714) 683-5666
Inquiry #497

Melbourne House
Distributed by Mastertronic
International
Inquiry #148

Merit / Polarware Software
13635 Gamma Road
Dallas, TX. 75244
FAX (312)232-0711
(214) 385-2353
Inquiry #500

Metacomco
26 Portland Square
Bristol, BS2 8RZ UK
+44-272-428781
Inquiry #502

Metadigm, Inc.
19762 MacArthur Blvd. Suite 300
Irvine, CA 92715
(714) 955-2555
Inquiry #503

Metran Technology
PO Box 82538
Tampa, FL 33682
(813) 530-9519
Inquiry #504

Metropolitan Computer Products
800 E. Arapaho Rd. #110
Richardson, TX 75081
(214) 437-9119
FAX (214) 231-1583
Inquiry #501

Michigan Software
43345 Grand River
Novi, MI 48050
(313) 348-4477
Inquiry #505

MichTron/Microdeal
576 S. Telegraph
Pontiac, MI 48053
(313) 334-5700; (313) 334-8729
Inquiry #506

Micro Entertainment
14 Wisteria Way
South Portland, ME 04106
(800) 255-5217;
in Maine, (207) 767-2664
Inquiry #507

Micro Magic
261 Hamilton # 320C
Palo Alto, CA 94301
(415) 327-9107
Inquiry #508

Micro Momentum, Inc.
100 Brown Avenue
Johnston, RI 02919
(401) 949-5310
Inquiry #509

Micro Systems International
1143 Monroe Street
Carleton, MI. 48117
(313) 654-8402
Inquiry #510

Micro-Systems Software
12798 Forest Hill Blvd. Suite 202
West Palm Beach, FL 33414
(407) 790-0770 technical ;
(407)-790-0772 assistance
Inquiry #511

MicroActive Inc.
785 Plymouth, Suite 304
Montreal, Canada H4P 1B2
(514) 731-1282
(514) 731-3397
Inquiry #116

MicroBotics, Inc.
811 Alpha Drive, Suite 335
Richardson, TX 75081
(214) 437-5330
Inquiry #513

MicroEd
P. O. Box 24750
Edina, MN 55424
(612) 929-2242
Inquiry #514

Microft Software, Ltd.
P.O.Box 1072
Exton, PA. 19341
(215)642-7638 (215)MICROFT
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Microillusions
17408 Chatsworth St.
Granada Hills, CA 91344
(818) 360-3715
FAX (818)360-1464
Inquiry #516

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1289 Brodhead Rd.
Monaca, PA 15061
(412) 775-3000
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21211 Nordhoff Street
Chatsworth, CA 91311
(818) 718-5555
Inquiry #519

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(301) 771-1151
Inquiry #520

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Houston, TX 77074
(713) 988-2818
Inquiry #521

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P. O. Box 561
Cambridge, MA 02140
(617) 354-1224
Inquiry #522

MicroWay
P. O. Box 79
Kingston, MA 02364
(508) 746-7341
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200 S 333rd #220
Federal Way, WA. 98003
FAX (206)838-4702
(206)838-4677 or (800)223-3729
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(818) 341-1411
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El Paso, TX 79936
(915) 591-7905
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P. O. Box 1560
Cupertino, CA 95015
(408) 741-0117
Inquiry #527

Mindscape, Inc.
3444 Dundee Road
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(708) 480-7667
Inquiry #528

Mindware International
110 Dunlop W. Box 22158
Barrie, Ontario
CANADA L4M 5R3
(705) 737-5998
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433 East 6th Street
New York, NY 10009
(212) 473-2443
Inquiry #530

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Dept.10A
Madison, WI 53711-3118
(800)448-4564
Inquiry #136

MKSoft Development
2818 Red Fox Trail
Troy, MI 48098
(313) 646-9645
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Minnetonka, MN 55343
(612) 935-4151
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Decatur, IL 62521
Inquiry #534

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Louisville, KY 40243
(800) 274-8446
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Rock Island, IL 61201
(800) 255-2255
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Mullen Graphics
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(213) 434-0115
Inquiry #537

Musicomp Technologies
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(508) 688-0599
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Portland , OR 97219
(503) 246-9311
Inquiry #539

Natural Graphics
P.O.Box 1963
Rocklin, CA. 95677
(916) 624-1436
Inquiry #540

Neuralink
P.O. Box 16311
Lubbock, TX. 79490-6311
(806) 793-0423
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New Horizons Software, Inc.
P. O. Box 43167
Austin, TX 78745
(512) 328-6650
Inquiry #542

NewTek
115 W. Crane St.
Topeka, KS 66603
(913) 354-1146
Inquiry #543

NH Enterprises
22104 66th Avenue West
Mountlake Terrace, WA. 98043
(206) 774-7440
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Nine Tiles
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Waterbeach, Cambridge
ENGLAND CB5 9HW
0 (223) 86-2125
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(818)700-0742
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West Simsbury, CT 06092
(203) 658-6917
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Ontological Survey
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Milwaukee, WI 53217
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(415) 321-8977
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2789 Northpoint Parkway
Santa Rosa, CA. 95407-7397
(FAX)707-7595
(707)525-7526 (800)545-6254
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Londonderry, NH 03053
(603) 644-3360
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Fort Worth, TX 76102
(312) 816-3474
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Long Beach, CA 90806
(213) 427-1227
Inquiry #557

OXXI, Inc.
1339 East 28th Street
Long Beach, CA 90806
(213) 427-1227
Inquiry #558

Pacific Peripherals
P. O. Box 14575
46728 Fremont Blvd.
Fremont, CA 94539
(415) 651-1905
Inquiry #559

Palomax, Inc.
424 Moreboro Road
Hatboro, PA 19040
(215) 672-6815
Inquiry #560

Pangolin Laser Software
1016 N. Daniel St.
Arlington, VA 22201
(703) 527-4880
Inquiry #561

PAR Software
Elevator Way, Terminal #2,
PO Box 1309
Vancouver, WA 98666
(206) 694-1539
Inquiry #562

Paragon Software Corporation
600 Rugh St.
Greensburg, PA 15601
(412) 838-1166
Inquiry #106

PCM Industries
2100 North Highway 360,
Suite 2101
Grand Prairie, TX 75050-1015
(214) 660-4780 or
(214) 988-3500
Inquiry #564

PDJ Software
111 Thornwood Dr.
Marlton, NJ 08053
(609) 596-8991
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Peacock Systems, Inc.
2108-C Gallows Road
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(800) 346-3038 (703) 847-1743
Inquiry #567

Pecan Software Systems, Inc.
1410 39th St.
Brooklyn, NY 11218
(718) 851-3100
Inquiry #568

Peterson Enterprises
7Grove Street
Haydenville, MA 01039
(413) 268-9232
Inquiry #569

Philadelphia Video Lab Inc.
338 Winding Way
Merion PA 19066
Software (800) 333-0013;
Services (215) 664-4955
Inquiry #570

Phoenix Electronics, Inc.
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Clay Center, KS 67432
(913) 632-2159
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Pigeon Music
1520 Zarger Place
Colorado Springs, CO 80915
(818) 505-1077
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Pixelations
P.O. Box 547
Northboro, MA 01532
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Red Hook, NY 12571
(914) 758-2637
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Boise, ID 83704
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Poole Creek Software
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Stittsville, Ontario
CANADA K0A 3G0
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Palo Alto, CA 94306
(415) 493-7234
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Power Computing Ltd.
44A Stanley StreetBedford
MK41 7RW ENGLAND
FAX (0234) 270133(0234)273000
Inquiry #579

Practical Solutions, Inc.
1135 N. Jones Blvd.
Tucson, AZ 85716
(602) 322-6100
Inquiry #579

Prairie Dock Software
6947 N. Oriole Avenue
Chicago, IL 60631
(312) 775-0816
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Prakticon, Inc.
27 Hutchings Court N.E.
Medicine Hat, Alberta
CANADA T1C 1G3
(403) 526-4765
Inquiry #581

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PO Box 670 Station H
Montreal, Quebec
CANADA H3G 2M6
(514) 954-1483
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Precision Incorporatated
8404 Sterling St. Suite A
Irving, TX 75063
(214) 929-4888
Inquiry #583

Preferred Technologies, Inc.
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Carrollton, TX 75007
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(214) 394-4503
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Pregnant Badger Music
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(916) 361-8217
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Redwood City, CA 94064
(415) 364-4696
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720-6th Street, #227
New Westminster, B.C.,
Canada V3L 3C5
(604) 290-1631
Inquiry #587

Progressive Peripherals & Software
464 Kalamath St.
Denver, CO 80204
(303) 825-4144
Inquiry #588

Prolific, Inc.
1808 W. Southgate Ave.
Fullerton, CA 92633
(714) 447-8792
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Brunswick Business Park
Liverpool, England L3 4BJ
(051) 709-5755
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15075 SW Koll Parkway Suite G
Beaverton, OR 97006
(503) 626-2022
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Quality Business Systems
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Hudson, MA 01749
(800) 225-5800
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Quelo, Inc.
2464 33rd Ave W. Suite 173
Seattle, WA 98199
(206) 782-3371
Inquiry #593

Queue, Inc.
338 CommerceDr.
Fairfield , CT 06430
(800) 232-2224 (203) 335-0908
Inquiry #594

R & D L Productions
40 Liss Rd.
Wappingers Falls , NY 12590-1609
(914) 298-8968
Inquiry #595

Radical Eye Software
P. O. Box 2081
Stanford, CA 94309
(415) 326-5312
Inquiry #152

RainBird Software
P. O. Box 2227
Menlo Park, CA 94026
(415) 322-3995
Inquiry #598

Rainbows Edge Productions
4412 4th Ave.
Brooklyn, NY 11220
(718) 965-1922
Inquiry #599

RB Productions
Box 1653 or 41 Fern Hill Drive
Truro, Nova Scotia,
CANADA B2N 6A2
(902) 893-7000
(902) 895-3715
Inquiry #600

RCS Management
2075 University ST. Ste. 1712
Montreal, Quebec,
Canada H3A 2L1
(514) 288-7825
FAX (514) 845-1472
Inquiry # 184

ReadySoft Inc.
30 Wertheim Court, Unit 2
Richmond Hill, Ontario
CANADA L4B 1B9
(416) 731-4175
Inquiry #601

Realism Entertainment
6N522 Pine
Bensenville, IL. 60106
(708) 595-7487
Inquiry #167

RGB Video Creations
3944 Florida Blvd., Suite 102
Palm Beach Gardens, FL 33410
(407) 622-0138
Inquiry #603

Ricoh Corporation
Five Dedrick Place
West Caldwell, NJ 07006
(201) 882-2000
Inquiry #604

Rittinghouse Software Development Company
RR 2, Box 62
Parker, SD 57053
(605) 342-6229
Inquiry #605

RockLogic
P. O. Box 22
Slippery Rock, PA 16057
Inquiry #606

Ronin Research And Development
P. O. Box 1093
Alameda, CA 94501
(415) 769-9325
Inquiry #607

RSI
1695 W. 7th Avenue
Vancouver, BC
CANADA V6J 1S4
(604)737 7930
Inquiry #608

RTL Programming Aids
10844 Deerwood SE
Lowell, MI 49331
(616) 897-5672
Inquiry #609

S.P.O.C.
P. O. Box 299
Kiowa, OK 74553
(918) 432-5774
Inquiry #611

Sama Software Inc.
5124 St. Laurent, Suite 100
Quebec, Canada J0L 1E0
(514) 638-6528
(514) 638-6303
Inquiry #612

Sassenrath Research
387 North State Street, Suite 200
Ukiah, CA 95482
(707) 462-4878
Inquiry #613

SaxMax Systems
400 Walnut St. # 403
Redwood City, CA 94063
(415) 368-6499
FAX(415) 369-4411
Inquiry # 395

Scorpion
19 Harbor Drive
Lake Hopatcong, NJ 07849
(201) 663-0202
Inquiry #614

Scott, Foresman, & Co.
1900 E. Lake Ave.
Glenview, IL 60025
(312) 729-3000
Inquiry #615

Second Sight
306 Arbor Drive
Lexington, NC 27292
Inquiry #616

Second Source Systems, Inc.
501 Business Parkway
Richardson, TX 75081
(214) 680-8394
Inquiry #617

Sedona Software
11828 Rancho Bernardo Road
San Diego, CA 92128
(619) 451-O151
Inquiry #618

Sega
Distributed by Mindscape Inc.
Inquiry #619

Selectronics Inc.
5147 S. 37th Street
Lincoln, NE. 68516
(402) 423-3856
Inquiry #620

Semitech Inc.
Lakeview Commons, Suite 303
146 South Lakeview Dr (Rt. 561)
Gibbsboro, NJ 08026
(609) 346-9814 (800) 356-3759
Inquiry #621

Seven Seas Software
P. O. Box 411
Port Townsend, WA 98360
(206) 385-3771
Inquiry #622

Seymor-Radix
P. O. Box 166055
Irving, TX 75016
(214) 255-7490
Inquiry #623

Sierra On-Line
PO Box 485
Coarsegold, CA 93614
(800) 344-7448 orders only;
(209) 683-4468
Inquiry #624

Signs Etc. by D. Knox
P. O. Box 628
Carmichael, CA 95609
(916) 944-0790 (916) 944-4282
Inquiry #625

Silver Software
1922 Purchase Brook Road
Southbury, CT 06488
(203) 264-2583
Inquiry #626

SKE Software Company
2780 Cottonwood Court
Clearwater, FL 34621
(813) 787-3111
Inquiry #627

Skyles Electric Works
231E South Whisman Road
Mountain View, CA 94041
(800) 227-9998 (415) 965-1735
Inquiry #628

Slide City
6474 Highway 11
Deleon Springs, FL 32130
(904) 985-1103
Inquiry #629

Slipped Disk
31044 John Road
Madison Hgts., MI 48071
(313) 583-9803
Inquiry #630

Soft Logik Corporation
11131 S. Towne Sq. Suite F
St. Louis, MO 63123
(314) 894-3280
(314) 894-8608
Inquiry #631

Soft-Link, Inc.
P.O. Box 304
Coventry, RI 02816
(401) 828-9304
Inquiry #632

Software Advantage Consulting Corporation
37346 Charter Oaks Blvd.
Mt. Clemens, MI 48043
(313) 463-4995
Inquiry #633

Software Ingenuity
11325 94th St. N.,
P. O. Box 10084
Largo, FL 34643
(813) 393-8240
Inquiry #634

Software Integration Solutions
11027 Twin Pond Terrace
San Diego, CA. 92128
(619)748-3350
Inquiry #635

Software Sensations
1441 Robertson Blvd.
Los Angeles, CA 90035
(213) 277-8272
Inquiry #636

Software Terminal
3014 Alta Mere
Fort Worth, TX 76116
(817) 244-4151
Inquiry #637

Software Visions, Inc.
PO Box 3319
Framingham, MA 01701
(800) 527-7014 (508) 875-1238
Inquiry #638

Softwood Company
Distributed by Brown-Wagh Publishing
Inquiry #639

Sound Quest, Inc
1573 Eglinton Ave. W Ste. 200
Toronto CANADA M6E 2G9
(800) 387-8720 (416) 256-0466
Inquiry #640

Spectrum Holobyte
2061 Challenger Drive
Alameda, CA 94501
(415) 522-0107
Inquiry #641

Speech Systems
38 W. 255 Deerpath Rd.
Batavia, IL 60510
(312) 879-6880
Inquiry #642

Spencer Organization, Inc.
24 Wampum Road
Park Ridge, NJ 07656
FAX (201)307-9404
(201) 307-9099
Inquiry #643

Spirit Technology Corp.
220 W. 2950 S.
Salt Lake City, UT 84115
(800) 433-7572 (801) 458-4233
Inquiry #644

SportTime Computer Software
3187-G Airway Avenue
Costa Mesa, CA. 92626
(714) 966-1311
Inquiry #645

Star Games
708 W. Buffalo Avenue Ste 200
Tampa, FL. 33603
(813) 222-0006
Inquiry #646

Star Micronics Inc.
200 Park Avenue, Suite 3510
New York, NY 10166
(212) 986-6770
Inquiry #647

StarSoft Development Labs
9240 South Highway 17-92
Maitland, FL 32751
(407) 331-7124
Inquiry #648

Straightline Software, Inc.
P.O.Box 59800
Chicago, IL. 60659
(800)458-2995
(312)539-5506 in IL. & overseas
Inquiry #130

Strategic Simulations, Inc.
675 Almanor Avenue
Sunnyvale, CA 94086-2901
(408) 737-6800
Inquiry #650

Studio 7
P. O. Box 4727
Overland Park, KS 66204
(913) 649-0491
Inquiry #651

subLOGIC Corporation
713 Edgebrook Drive
Champaign, IL 61820
(800) 637-4983 (217) 359-8482
Inquiry #652

Suncom
6400 W. Gross Point Road
Niles, IL. 60648
(312)647-4040
FAX (312)647-7828
Inquiry #653

Sunrize Industries
PO Box 1453
College Station TX 77841
(409) 846-1311
Inquiry #654

Sunsmile Software
533 Fargo Avenue
Buffalo, NY 14213
(716) 885-5670
Inquiry #655

Supra Corporation
1133 Commercial Way
Albany, OR 97321
(800) 727-8772 (503) 967-9075
Inquiry #656

Surfside Components Int.
P. O. Box 1836
Capitola, CA 95010
(800) 548-9494
Inquiry #657

Sybex Computer Books
2021 Challenger Drive #100
Alameda, CA 95401
(415) 523-8233
Inquiry #658

SYNDESIS
N9353 Benson Road
Brooklyn, WI 53521
(608) 455-1422
Inquiry #659

Synergy Peripheral Systems
5638 Allen Ave. Suite #3
San Jose, CA 95123
(408) 972-2434
Inquiry #660

Synthetic Reality Software
P.O. Box 6066
St Cloud, MN. 56302
(612) 845-4736
(612) 259-9499
Inquiry #661

T & L Products
2654 Wilson Street
Carlsbad, CA 92008
(619) 729-4020
Inquiry #662

T.S.R. Hutchinson
110 W. Arrowdale
Houston, TX 77037
(713) 448-6143
Inquiry #663

TAB BOOKS Inc.
Blue Ridge Summit,
PA 17294-0850
(800) 822-8138 phone orders
(717) 794-2191
Inquiry #664

Memory Management

Amiga Service Specialists

Over three years experience!
Commodore authorized full service center. Low flat rate plus parts.
Proudly affiliated with . . .
The Memory Location
396 Washington Street
Wellesley, MA 02181
(617) 237-6846

Circle 121 on Reader Service card.

Taito Software, Inc.
267 West Esplanade
N. Vancouver, B.C.
CANADA V7M 1A5
(604) 984-3344
Inquiry #665

Take 1 Video Productions, Inc.
537 S. Cuyler Ave.
Oak Park, IL 60304
(312) 321-8253
Inquiry #666

Tangent 270
2509 Dahlia St., PO Box 38587
Denver, CO 80238
(303) 322-1262
Inquiry #667

TAP Development Corporation
1820 E. Sahara Avenue, Ste 200
Las Vegas, NV. 89104
(702) 732-4900
Inquiry #668

Teknoware
18627 Brookhurst St. Suite 135
Fountain Valley, CA 92708
(714) 871-5650
Inquiry #669

TeleGraphics International
605 Dock Street
Wilmington, NC 28401
(919) 762-8028
Inquiry #670

Telmak Inc.
1101A Air Way
Glendale, CA. 91201
(800)637-4540
(818) 547-3720
Inquiry #671

Tensor Productions
280 Mathilda Drive No.9
Goleta, CA. 93117
(805) 685-2994
(805) 685-6245
Inquiry #672

The AMIGA Class
P. O. Box 201
Los Altos, CA 94023
(415) 949-4864
Inquiry #673

The Computer Club Co.
13013 Lee-Jackson Highway,
Suite 142
Fairfax, VA 22033
(703) 968-7588
Inquiry #674

The Disk Company
11022 Sta Monica Blvd. Ste 440
Los Angeles, CA 90025
(213) 478-6767
Inquiry #675

The Dragon Group
148 Poca Fork Rd.
Elkview, WV 25071
(304) 965-5517
Inquiry #676

The Euroline Group
1244 N. Orange Drive Suite 206
Hollywood, CA. 90038
FAX (213)461-7391
(213) 462-5013 and
(213) 462-5026
Inquiry #677

Amiga Developers!
Don't be left in the white!
Make sure your product is listed
in the next
AC's Guide
To The Commodore Amiga
See page 182 for details.

The Krueger Company
1544 West Mineral Raod
Tempe, AZ. 85283
FAX (602) 820-1707
(602) 820-5330 or
(800) 245-2235
Inquiry #678

The Other Guys
55 N. Main, Suite 301D
Logan, UT 84321
(801) 753-7620
Inquiry #679

The Picture Box
8824 David Ave.
St. John, MO 63114
(314) 427-1869
Inquiry #680

The Puzzle Factory
PO Box 986
Veneta, OR 97487
(503) 935-3709
Inquiry #681

The Right Answers Group
P. O. Box 3699
Torrance, CA 90510
(213) 325-1311
Inquiry #682

The Software Toolworks
19808 Nordhoff Place
Chatsworth, CA 91311
(818) 885-9000
Inquiry #683

The Softwaresmith
114 D. Webster Hwy. S. Ste. 131
Nashua, NH 03060
Inquiry #684

The Sterling Connection
P.O. Box 4850
Berkley, CA 94704
(415) 655-2355
Inquiry #685

The ToolCaddy Works
PO Box 5873
Laughlin, NV 89029-5873
(702) 298-4252
Inquiry #686

The Trumor Company, Inc.
2745 201st Ave NW
Oak Grove, MN 55011
(612) 753-5967
Inquiry #687

Three-Sixty, Inc.
2105 S. Bascom Ave., Suite 290
Campbell, CA 95008
(408) 879-9144
Inquiry #688

Tigress
P. O. Box 665
Glendora, CA 91740
(818) 334-0709
Inquiry #689

Titus Software Corporation
20432 Corisco St.
Chatsworth, CA 91311
(818) 709-3693
Inquiry #690

Top Disk Software
8 Creek Run Road
Newburgh, NY 12550
(914) 562-2129
Inquiry #691

Tripp Lite
500 N. Orleans
Chicago, IL. 60610
(312) 329-1777
Inquiry #692

Tru-Image
P. O. Box 660, Cooper Station
New York, NY 10276
(212) 777-7609
Inquiry #693

True BASIC, Inc.
12 Commerce Ave.
West Lebanon, NH 03784
(800) TR-BASIC
in NH (603) 298-5655
Inquiry #694

TSA Media/American Software Distributers
RR 1 Box 290 Bldg. 3
Urbana, IL 61801
(217) 643-2050
Inquiry #695

TV One Productions
7 Delsea Plaza Delsea Drive
Westville, NJ 08093
(609) 848-5698
Inquiry #696

Ultra Software Corporation
900 Deerfield Parkway
Buffalo Grove, IL 60089-4510
(312) 215-5111
Inquiry #697

Unicorn Software Company
2950 E. Flamingo Road, Suite B
Las Vegas, NV 89121
(702) 737-8862
Inquiry #698

Unison World
1321 Harbor Bay Parkway
Alameda CA 94501
(415) 748-6670
Inquiry #699

USA Media
410 North Patuxent Beach Road
California, MD. 20619
(301)863-8369
Inquiry #700

Vega Technologies
2302 D Avenue Suite#104
National City CA 92050
(619) 477-5887
Inquiry #257

Venn Software Ltd.
328-1215 Davie Street
Vancouver, B.C.
Canada V6E 1N4
FAX (604) 682-8578
Inquiry #306

Vertical Solutions
P. O. Box 7535
Olympia, WA 98507
(800) 942-4008 (206) 352-2097
Inquiry #317

Very Vivid, Inc
P.O.Box 127 Station B
Toronto CANADA M5T-2T3
(416)686-7850
FAX (416) 686-8595
Inquiry #343

VideoAdvantage
Dept.BG, 1229 Poplar Avenue
Mountainside, NJ 07092
(201) 233-8659
Inquiry #374

VidTech International, Inc.
2822 NW 79th Avenue
Miami, FL. 33122
(305) 477-2228
Inquiry #386

Viewtopia
2488 Riverside Ave.
Somerset, MA 02726
(508) 679-2050
Inquiry #184

Virgin Mastertronic
18001 Cowan Street, Suite A &B
Irvine, CA. 92714
(714) 833-8710
Inquiry #289

Virtual Reality Laboratories, Inc.
2341 Ganador Court
San Luis Obispo, CA. 93401
(805) 545-8515
Inquiry #107

Visual Aural Animation
P. O. Box 4898
Arcata, CA 95521
(707) 822-4800
Inquiry #492

Vivid Effects
8461 Keele Street Unit 23
Concord, Ontario
CANADA L4K 1Z6
(416) 738-6535
Inquiry #498

Walt Disney Computer Software, Inc.
500 S. Buena Vista Street
Burbank, CA. 91521
(818) 567-5360
Inquiry #512

WaveTable Technologies
1647 Willow Pass Rd. Suite #267
Concord, CA 94520
(415) 687-3156
Inquiry #523

WeatherConnect, Inc
405 North Wabash
Chicago, IL 60611
(312) 527-0411
Inquiry #524

William S. Hawes
P. O. Box 308
Maynard, MA 01754
(617) 568-8695
Inquiry #531

Wollner Associates
3306 Horseman Lane
Falls Church, VA 22042
(703) 533-1236
Inquiry #563

WordPerfect Corporation
1555 N. Technology Way
Orem, UT 84057
(801) 225-5000
Inquiry #597

X-10 Inc.
185A Le Grand Avenue
Northvale, NJ 07647
(800) 526-0027 (201) 784-9700
Inquiry #602

Xetec, Inc
2804 Arnold Road
Salina, KS 67401
(913) 827-0685
Inquiry #123

Zebra Systems, Inc.
121 S. Burrowes St.
State College, PA. 16801
(814) 237-2652
Inquiry #199

Zirkonics Corp.
422 Guy
Montreal, Quebec
CANADA H3J IS6
(514) 933-7711
Inquiry #351

Zuma Group
6733 N. Black Canyon Hwy.
Phoenix, AZ 85015
FAX (602) 246-6708
(602) 246-4238
Inquiry #117

USER'S GROUPS

Amazing Computing for the Commodore Amiga™ supports Amiga User Groups and encourages users in the Amiga community to participate in their activities.

If you are a member of a user Group not listed below, please contact AC to be included in the next *AC's Guide to The Commodore Amiga™*.

•ALABAMA•

Birmingham Commodore Comp Club
place: UAB (room 153) 901 14th Street South Birmingham
when: 2nd & 4th Sun. 2PM
contact: Rusty Hargett 205-854-5172 (after 6PM)
interests: Amiga/ Commodore

Coosa Valley Commodore Club
place: Garden State Community College Technical Division - Jarvis Hall, Gadsen
when: 1st Thur. 7 PM
contact: Tommy Robertson 205-549-0908
interests: Amiga/ Commodore/ MS-DOS

Hacks
place: St. Stephens Episcopal Church, Huntsville
when: 1st Mon. 7 PM
contact: Raymond Patterson 205-883-8398
interests: Amiga/Commodore/ MS-DOS

Scottsboro Commodore UG
place: Page School-Lunchroom 305 S. Scott St. Scottsboro
when: 2nd Tue.
contact: Richard Radon 205-574-1830
interests: Amiga/ Commodore

•ALASKA•

Anchorage Commodore UG
place: Muldoon Library Anchorage
when: 4th Tue. 7PM
contact: Dick Howe 907-561-8555
interests: Amiga/ Commodore

•ARIZONA•

AMAZ
place: Glendale Library Aud Glendale
when: 3rd Thur. 7-9 PM
contact: Joe Rosenberg 602-848-6200
interests: Amiga

M.A.C.R.O.
place: To Be Announced Glendale
when: 1st Thur. 6:30 PM
contact: Joe Benedetto 602-429-2523
interests: Amiga

Prescott Area Commodore Club
place: P.O. Box 4019 Prescott
when: 1st Wed . 7 PM
contact: Djon Vankirk 602-778-7893
interests: Amiga/ Commodore/ MS-DOS

•ARKANSAS•

Ark: Amiga
place: Metropolitan Voc. Tech. Center, Little Rock
when: 2nd Mon. 7PM
contact: Greg Eanes 501-666-8934
interests: Amiga

Commodore Computer Club
place: Westark Community College, Fort Smith
when: 2nd Mon. 7PM
contact: Steve Caperton
interests: Amiga/ Commodore

Hot Springs Commodore UG
place: AP&L Bldg 324 Malvern Ave. Hot Springs
when: 3rd Tue . 7PM
contact: Julie Cathcart 501-624-5115
interests: Amiga / Commodore / MS-DOS

•CALIFORNIA •

64 /More Commodore Ug
place: Miltipitis Public Library Miltipitis
when: 2nd Sat . 10 AM
contact: Ralph M. Ingraham
interests: Amiga/ Commodore

Amiga Friends
place: Rancho Santiago College 17th & Bristol Rm R-124 Santa Ana
when: 3rd Sun. 1-5 PM
contact: Sam Noonan 714-775-7237
interests: Amiga/ MS-DOS

Amiga Tech UG
place: Glendale Federal Savings, Monrovia
when: 3rd Sat. 1 PM
contact: Mark Randall 818-355-6111
interests: Amiga

Amiga UG of Long Beach
place: Mid Cities National Bank 9025 E. Artesia Bellflower
when: 1st Mon/2nd Sat/3rd Sun/3rd Mon. 7 PM/1 PM/1 PM/7 PM
contact: Larry Blair 213-422-8226
interests: Amiga

ASCI
place: Rancho Cucamonga Branch Library 9191 Base Line Rd Rancho Cucamonga
when: 1st & 3rd Thur. 6:30 PM
contact: Josh Jacoby 714-989-6041
interests: Commodore

ASCITEC
place: Lockhead Missiles & Space Co. (Sunnyvale), Los Altos
when: 2nd Thur. 5 PM
contact: Patrick Bailey
interests: Amiga

C-TUG
place: Mercury Savings Irvine & Newport Tustin
when: 4th Sun. 11 AM
contact: Don Gribble 714-830-2430
interests: Amiga/ Commodore

Central Coast Commodore UG
place: Lutheran Church Bradley Rd. & Patterson Santa Maria
when: 3rd Tue . 7:30 PM
contact: Gilbert Vela BBS /805-934-2216
interests: Amiga/ Commodore

Club-64
place: Knights of Columbus Hall 1729 E. Baseline San Bernardino
when: 1st Thur. 7-9 PM
contact: John Shinkunas 714-862-5126
interests: Amiga/ Commodore

Commodore Helpers of Long Beach
place: Mercury Savings Bldg. 4140 Long Beach Blvd Long Beach
when: 2nd Sat . 9 AM -Noon
contact: Thomas A. Hoy 213-424-0508
interests: Commodore

Commodore UG of Riverside
place: California School For Deaf Hwy 91 at Arlington Ave., Riverside
when: 2nd & 4th Thur (cafeteria bldg). 7:30 -9;30 PM
contact: Ken Brown 714-689-1452
interests: Commodore

C.O.U.G.O.R.
place: 1012 Layton Rd. # 20 Redding
when: 1st Wed . 7 PM
contact: Robert Wall 916-222-8263
interests: Amiga/ Commodore

C.O.W.
place: San Bruno Parks & Rec. Bldg., San Bruno
when: 3rd Thur . 7-10 PM
contact: Steve Beale 415-877-8868
interests: Amiga/ Commodore

DBUG
place: Diamond Bar Library 1065 Grand Ave Diamond Bar
when: 2nd & 4th Wed.
contact: David Zechiel
interests: Amiga / Commodore

Los Angeles Amiga UG
place: Veterans Memorial Aud
when: 3rd Wed . 7:30 PM Culver City
contact: Kip Hammond 213-390-3010
interests: Amiga

Napa Valley Commodore Comp Club
place: Rapoport"s 2225 Brown St., Napa
when: 3rd Mon. 7 PM
contact: Carl Peigh 707-255-6375
interests: Amiga/ Commodore/ MS-DOS

NCAC
place: Rico's Pizza 200 Hartnell Ave Redding
when: 2nd Sat . 2 PM
contact: David Murphy 916-472-3237
interests: Amiga

North Valley Commodore UG
place: Chico Comm. Hosp Conf. Center 670 Rio Lindo Ave. Chico
when: 1st Wed. 7-9 PM
contact: Frank Alexander 916-872-0896
interests: Amiga/ Commodore

Oceana-64 Commodore Club
place: 1004 Plover Way Oceanside
when: 2nd & 4th Thur. 10 AM
contact: Sam Brooks 619-433-3599
interests: Commodore

Sacramento Amiga Computer Club
place: Pacific Bell Aud 2700 Watt Ave Sacramento
when: 4th Wed . 7-10 PM
contact: Linda Marquess 916-991-0220
interests: Amiga

Santa Barbara Commodore UG
place: Goleta Library Fairview Ave, Goleta
when: 3rd Sat . 1-4 PM
contact: Murray Kalisher 805-562-2256
interests: Commodore

SMAUG
place: Seaside Library Seaside
when: 3rd Tue . 7 PM
contact: Richard Binsacca 408-678-2518
interests: Amiga

South Bay Amiga Dudes / Dudettes
place: Creative Computers 4453 Redondo Beach Blvd., Lawndale
when: 3rd Thur .
contact: Mike Lehman 213-370-6008
interests: Amiga

T.C.U.G.
place: call for place, day, and time, Lafayette
contact: Margaret Copeland 415-284-1635
interests: Amiga /IBM

USER'S GROUPS

V.C.C.
place: Doctors Medical Center Conf. Rm. Florida and Orangeburg Ave., Modesto
when: 3rd Wed . 7 - 9 PM
contact: Ruby Larson 209-529-8473
interests: Amiga

VVCIA
place: Victor School (board room) 6th & A Streets Victorville
when: 1st Mon & 3rd Tue .
contact: Ronald Elliiott 619-245-9535
interests: Commodore

•COLORADO•

The Computer Club
place: VFW Post #4051 430 E. Pikes Peak Ave Colorado Springs
when: 3rd Thur. 7 PM
contact: Leon Hass 719-591-6353
interests: Amiga/ Commodore

Wes CAUG
place: Community Hospital Grand Junction
when: 1st Sat . 10 AM
contact: Rober Payne 303-245-0054
interests: Amiga

•CONNECTICUT•

Amiga Users Group of SE Conn
place: One Byte, Rte 32 Uncasville
when: 3rd Mon. 7 PM
contact: James Malloy 203-536-6642
interests: Amiga

Capital Region
place: Vernon Police Station Vernon
when: 64/128 2nd Mon — Amiga 2nd Tues. 7:30-10:30 PM
contact: Cheryl Arzt 203-872-3320
interests: Amiga / Commodore

F.C.A.U.G.
place: Danbury Hospital Health Sciences Auditorium, Danbury
when: 2nd Sat. 5:45 PM
contact: Kevin Brook BBS/ 203-938-9163
interests: Amiga

Hartford County Commodore Users
place: East Hartford Library / Lions Room, East Hartford
when: 4th Tue. 7 PM
contact: Franklin Bouchard
interests: Commodore

HAUG
place: Aetna Institute, Hartford
when: 3rd Thur. 7 PM
contact: Bill Bernhart 203-633-4427
interests: Amiga

Millstone Users Group 64/128
place: Millstone Training Center, Waterford
when: No set date/time as needed.
contact: Jim Bennett 203-357-8368
interests: Amiga/ Commodore

NLCCUG
place: Montville VFW Uncasville
when: 1st & 3rd Thur. 7-9 PM
contact: Charlie Kappelman 203-848-1986/ BBS 203-848-4044
interests: Amiga / Commodore

Stamford Area Commodore Society
place: 35 Cresent St Stamford
when: 2nd Fri. 7 PM
contact: John Bittner 203-444-4844
interests: Amiga/ Commodore

•DELAWARE•

Amiga Network
place: University of Delaware (T. Hall), Newark
when: 1st Sun . 7 PM
contact: William Kelly BBS/302-323-1604
interests: Amiga

•FLORIDA•

AFLOAT
place: Citrus County Armory, Crystal River
when: 2nd Mon .
contact: Richard Briggs
interests: Amiga/ Commodore / MS-DOS

C.R.U.G.
place: Florida Power Corp. Crystal River
when: 1st Mon.
contact: Richard Briggs
interests: Amiga /Commodore/ MS-DOS

Citrus Commodore Computer Club
place: Mid-State S & L Comm. Rm., Beverly Hills
when: Every Fri. 7:30 PM
contact: Gary Finfrock 904-344-4826
interests: Commodore

Clearwater Commodore Club
place: Loeman Plaza - Community Room Clearwater
when: 1st & 3rd Wed . 7 PM
contact: Robert Hronec 813-796-0510
interests: Amiga/ Commodore

Commodore Club of Jacksonville
place: Regency Library Jacksonville
when: 1st Sat. 10 AM-1 PM
contact: John J Donnangelo 904-641-9014
interests: Amiga /Commodore

Commodore Club of Jacksonville
place: Orange Park Library Jacksonville
when: 4th Sat. 1-4:30 PM
contact: John J Donnangelo 904-641-9014
interests: Amiga /Commodore

Commodore Club of Jacksonville
place: Hayden Burns Library Jacksonville
when: 2nd Tue. 7-9 PM
contact: John J Donnangelo 904-641-9014
interests: Amiga /Commodore

Commodore Club of Jacksonville
place: Mandarin Library Jacksonville
when: 3rd Sat. 1-4:30 PM
contact: John J Donnangelo 904-641-9014
interests: Amiga /Commodore

CUGOP
place: Pensacola City Hall (2nd Flr., west), Pensacola
when: 1st Fri. & 3rd Tues. 7-9PM
contact: Robert Yarnell 904-455-5314
interests: Commodore

Fort Walton Beach Commodore UG
place: Choctawhatchee High School Racetrack Rd., Ft. Walton Beach
when: 1st Tue/Thur 16 days thereafter., 7 PM
contact: Joe Majors 904-863-2845
interests: Amiga / Commodore

Lake Sumter Commodore UG
place: Lee Adult Center Annex Leesburg
when: 2nd Wed / 4th Tues. 7:30 PM
contact: George Kramer
interests: Commodore

MICE
place: Florida International University Trailer M-114, Miami
when: 2nd & 3rd Fri. 7PM
contact: Ben Demby Jr. 305-221-7115
interests: Commodore

Titusville Commodore Club
place: Brevard Community College, Titusville
when: 2nd & 4th Wed. 7 PM
contact: Robert Murray
interests: Amiga/ Commodore

•GEORGIA•

ACAC
place: Deerfield Windsor School Lower Campus -1733 Beattie Rd., Albany
when: 2nd & 4th Tues. 7:30PM
contact: Carlos Villavicencio III 911-439-1322
interests: Amiga/ Commodore

•IDAHO•

AUSI
place: Kopper Kitchen Conference Center Boise
when: 3rd Thur . 7 :30 PM
contact: Edwin Apel 208-376-1500
interests: Amiga

Banana Belt Commodore UG
place: Lewis-Clark State College M.L.H. 13D, Lewiston
when: 2nd Fri . 7:30 PM
contact: Harold Riggle 208-758-3209
interests: Commodore

Treasure Valley /Boise UG
place: Plantation Round Table Pizza, Boise
when: 1st Thur Library (3rd Wed). 7pm (7:30 pm)
contact: Douglas Parsons 208-3754672
interests: Commodore

•ILLINOIS•

A.C.E.
place: Percy Hopkins Aud. Christ Hosp., Oaklawn
when: 1st Thur . 7:30 PM
contact: John Zale 708-687-7788
interests: Amiga / Commodore

CCR
place: Rockford College, Star Science Bldg, Rockford
when: Thur one month, Sat next month. 7:30-9:30 PM (9AM -12)
contact: Mike Hoss
interests: Amiga/Commodore

CNSAUG
place: Arlington Heights Public Library, Arlington Heights
when: 4th Wed. 7-10PM
contact: Thomas Karlman 312-934-3334
interests: Amiga

Computers West
place: College of DuPage, Glen Ellyn
when: 1st Wed. 7:30 PM
contact: Alan Chumley 312-231-3845
interests: Amiga / Commodore / MS-DOS

CUCCUG
place: Univ. of Illinois (Gregory Hall), Urbana
when: 3rd Thur. 7 PM
contact: Art Lewis Kimball
interests: Amiga/ Commodore

E. Peoria
place: Please Call For Meeting Place, E. Peoria
when: 3rd Sat. 4- 6:30 PM
contact: David Mc Millian 309-745-8455
interests: Commodore

JACUG
place: First Christian Church 508 W. Vandalia, Jacksonville
when: 7PM
contact: Greg Simpson 217-882-5481
interests: Amiga/ Commodore

WIPUG
place: Quintron (cafe) Quincy
when: 3rd Thursday 7-9PM
contact: Edward Mills 217-656-3671
interests: Amiga/ Commodore/ MS-DOS

USER'S GROUPS

•INDIANA•

Commodore Users of Noblesville
place: Carmel Public Library Carmel
when: 1st Wed . 7PM
contact: David Anderson 317-844-2093
interests: Amiga/Commodore

Indianapolis Computer Club Inc.
place: 7 &8 Christian Church 2916 W. 30th St Indianapolis
when: 2nd Tue.
contact: John Fiega 317-353-2110
interests: Commodore /MS-DOS

Logansport Commodore Club
place: Girl Scout Camp 303 E. Clay Logansport
when: 3rd Wed. 7PM 219-223-4542
interests: Amiga/ Commodore

Richmond Area Computer UG
place: Richmond City Bldg (community room), Richmond
when: 1st Mon. even mos / 2nd Mon. odd mos.7-9PM
contact: Dudley Fetzer 317-966-9169
interests: Amiga/ Commodore / MS-DOS

Rochester Commodore Comp Club
place: Rochester Public Library Rochester
when: 2nd Sat. 1PM
contact: Dan Zellers 219-223-4542
interests: Commodore /MS-DOS

•IOWA•

C-5 Capital Complex
place: Grimes State Office Bldg. E. 11th & Gray DesMoines
when: 2nd Tue. 7PM
contact: Larry Eamer 515-263-8104
interests: Amiga/ Commodore / MS-DOS

COUGAR
place: Midland Financial 525 Main St Ames
when: 1st Sun (except holidays -2nd Sun) 2-4PM
contact: Steve Huffman 515-432-4006 evenings
interests: Commodore

Northeast Iowa Amiga UG
place: Red Cross Bldg 2530 University Ave. Waterloo
when: 3rd Sun. 5PM
contact: Mary Jensen 319-277-3758
interests: Amiga

Tri-State Commodore UG
place: State Bank Bldg Hwy 151 Kieler
when: 2nd & 4th Mon. 7 PM
contact: Wayne Holt 319-582-4702
interests: Commodore

•KANSAS •

Atchison Commodore UG
place: Atchison Public LIbrary 401 Kansas Ave Atchison
when: 2nd Tue. 7 PM
contact: Larry Gilbert 913-367-2419
interests: Amiga/ Commodore/ MS-DOS

Topeka Commodore Computer UG
place: National Guard Armory 28th & Topeka Ave. Topeka
when: Last Tue. 7-9 PM
contact: James Wilson 913-235-8452
interests: Amiga / Commodore

•KENTUCKY•

Christian County Commodore Club
place: Second Baptist Church Education bldg Hopkinsville
when: last Thur. 7 PM
contact: Terry Fugua 502886-6621
interests: Amiga/ Commodore/ MS-DOS

Glasgow Commodore UG
place: Farmer Rec. Bldg 504 S. Lewis St. Glasgow
when: 1st &3rd Mon . 6:30 PM
contact: Larry Stell
interests: Amiga/Commodore/ MS-DOS

MCCUG
place: Harbin Memorial Library Greensville
when: 3rd Thur . 7 PM
contact: Stanley Fleming (502)-338-3053
interests: Amiga/ Commodore

•LOUISIANA•

Ark-La-Tex Commodore Club
place: John Calvin Pres. Church 3030 Colquitt Rd. Shreveport
when: 1st & 3rd Wed. 7 PM
contact: Bill Walker 318-636-3611
interests: Amiga/ Commodore / MS-DOS

BRACE
place: Cortana Mall (Cortana Room), Baton Rouge
when: 1st Tue. 7 PM
contact: Roland Caarson 504-925-9532
interests: Amiga/ Commodore / MS-DOS

L.A.U.G.
place: Lafayette City Hall 705 W. University Ave. Lafayette
when: 3rd Fri. 7:30 - 11 PM
contact: Clifton Bonhomme 318-232-9866
interests: Amiga

New Orleans Commodore Klub
place: Old Metairie Public Library 2350 Metairie Road Metairie
when: 2nd Sat . 4 PM
contact: Robert H. Fergeson 504-482-8551
interests: Amiga/ Commodore

Page User's Group
place: Metro Mall Community Room, Alexandria
when: 2nd Sat .(3rd Wed) 10 AM (7PM)
contact: S.C. Miller 318-473-8611
interests: Amiga/ Commodore/ MS-DOS

Sixty Four UM
place: Jefferson Parish Library Metairie Road, Metairie
when: Usually 2nd Mon. 6-10PM
contact: Gene Earl 504-861-2893
interests: Commodore

•MAINE•

Amiga Users of Southern Maine
place: Fleet Bank Cumberland Street, Westbrook
when: 1st Fri. 6:30 PM
contact: Joe Beecher BBS/207-865-3004
interests: Amiga/ Commodore / MS-DOS

Kennebunk Southern Maine Commodore UG
place: Kennebunk Town Hall 1 Summer St., Kennebunk
when: 2nd thur. 7 PM
contact: Richard Lembree 207-967-3381
interests: Amiga / Commodore / MS-DOS

PACE
place: Varies- please call Belfast
contact: Michael Weinberg 207-338-3066
interests: Amiga

Portland Southern Maine Commodore UG
place: Portland Rec. Voc.Tech 196 Allen Ave., Portland
when: 2nd Sat (except July & Aug) 10AM
contact: Richard Lembree 207-967-3381
interests: Amiga/ Commodore/ MS-DOS

•MARYLAND•

Another Amiga Group
place: Provinces Branch Arundel County Library, Odenton
when: 2nd Mon

BAUD
place: Public Library Loch Raven Blvd & Taylor Ave, Baltimore
when: 1st Sat . 1 PM
contact: Ed Hopper 301-467-1034
interests: Amiga

CUM-BACC
place: Meeting are held at various members' homes, Lutherville
when: 3rd Sun. 1-5 PM
contact: Richard Williams 301-296-4414
interests: Amiga

NOBUG 64/128
place: Calvary Lutheran Church, Baltimore
when: 3rd Mon. 7:30 PM
contact: Solis James 301-325-2083
interests: Commodore

Rockvillle Commodore UG
place: Twinbrook Library, Rockville
when: 3rd Thur. 7:30 PM
contact: Cy Fellerman 301-493-8661
interests: Commodore

SMAUG
place: meeting place varies Huntingtown
when: 1st Tue . 7-9 PM
contact: Vicki Harmon 301-535-3842
interests: Amiga

•MASSACHUSETTS•

Boston Computer Society
place: Call for info on meeting place Boston
when: 2nd Mon. 7:30 PM
contact: Barbara Mintz 617-367-8080
interests: Commodore

The Boston Computer Society
place: Dept. of Transportation 55 Broadway,Cambridge
when: 3rd Tue. 7PM
contact: Alan Hoyland 617-438-9164

Fall River Commodore Club
place: Somerset Public Library Somerset
when: 2nd Mon. 6:30 PM
contact: Tim Arruda BBS/ 508 677-4535
interests: Amiga / Commodore

Pioneer Valley Commodore Club
place: W. Mass Electric Bldg Brush Hill Rd. Springfield
when: 3rd Thur . 7:30 PM
contact: Marvin Yale 413-562-1027/ BBS 413-568-4466
interests: Amiga/ Commodore / MS-DOS

S.N.H.A.U.G.
place: West Manchester Public Library, Manchester
when: 3rd Sat. 12 - 4:30 PM
contact: Dave Nye 508-897-6765/ 603-669-6719
interests: Amiga

WCAUG
place: S Works VFW Post Ballard St., Worcester
when: 2nd Wed. 7:30 PM
contact: Don Carlson 508-835-2453
interests: Amiga

USER'S GROUPS

•MICHIGAN•

Downriver Commodore Group
place: Taylor Comm. Library Taylor
when: 1st & 3rd Wed . 8 PM
contact: Dino Costantino 313-277-0114/ 313-386-1565
interests: Amiga

Jackson Commodore Computer Club
place: 2214 E. Ganson Jackson
when: last Thur. 7:30 PM
contact: Tony Bengel 517-782-6753
interests: Amiga/Commodore

Kalamazoo Valley Home UG
place: KVCC (room 1040) Kalamazoo
when: 2nd Thur. 7:30 PM
contact: Donald Campbell 616-345-7039
interests: Commodore

Michigan Commodore UG
place: Warren-Woods Middle School, 13400 Twelve Mile Rd., Warren
when: 3rd Thur . 7-9 PM
contact: Art Ferrazutti
interests: Amiga/ Commodore / MS-DOS

Midland Computer Club
place: Grace A Dow Library Midland
when: 3rd Thur. 7 PM
interests: Amiga/ Commodore

•MINNESOTA•

A.M.I.G.A.
place: Brookdale-Hennepin Area Library 6125 Shingle Creek Pkwy.
when: 3rd Thur. 6:30-8:30 PM
contact: Dennis 939-0325
interests: Amiga/Commodore

Minnesota Commodore UG
place: Park Center H. School Brooklyn Park
when: 3rd Wed . 7 PM
contact: Loren Lovhaug 612-588-3078
interests: Amiga/ Commodore/ MS-DOS

Twin Ports Area Amiga Users Group
place: UMD Room MWAH 176 Duluth
when: 2nd Tue . 7 PM
contact: Kenji Ogura 218-722-2641
interests: Amiga

•MISSISSIPPI•

Coastline Commodore Comp. Club
place: American Legion Hall 201 Lamuese, Biloxi
when: 1st Sat . 9:30 AM
contact: William K. Hubler 601-374-2582
interests: Amiga / Commodore/ MS-DOS

Jackson Commodore UG
place: Computer Services, Jackson
when: 3rd Thur. 7 PM
contact: Daniel Myers 601-352-0707
interests: Amiga / Commodore

•MISSOURI•

Columbia Commodore User
place: Columbia Mall, Columbia
when: 2nd Thur . 6:30 -9 PM
contact: Harold Lawson 314-474-2303
interests: Amiga / Commodore/ MS-DOS

Commodore UG of Springfield
place: VFW Post 3403 (bingo room),1136 E. Atlantic , Springfield
when: 2nd Sat. 10 AM
contact: Bill Patrick 417-882-3866
interests: Commodore

Gateway Amiga Club Inc.
place: Washington Univ Med . School 4566 Scott, St Louis
when: 1st Wed . 7:30 PM
place: Bridgeton Trails Library 3455 McKelvey Road, Bridgeton
when: 3rd Wed. 7:30 PM
contact: Bob Scharp 314-739-5181 (bet. 11AM - 7 PM)
interests: Amiga

Joplin Commodore Computers UG
place: 422 S. Florida Ave, Joplin
when: 3rd Sat . 7:30 PM
contact: Dale Connley 417-624-5259
interests: Amiga/ Commodore/ MS-DOS

Ozarks Amiga Comp Enthusiast's
place: Springfield Public Library, Kickapoo Prairie Br., Springfield
when: 4th Sat. 9:30 AM-Noon
contact: Steve Languth 417-882-5995
interests: Amiga

•MONTANA•

Missoula Commodore UG
place: Montana Power Bldg Missoula
when: 1st Thur. 7 PM
contact: Becky Maier 406-626-4730
interests: Amiga/ Commodore

•NEBRASKA•

Amiga Users Of The Heartland, Inc.
place: Elks Lodge #39 96th & Harrison, Omaha
when: 3rd Tue. 7 PM
contact: Larry Zwart 402-751-1393
interests: Amiga

MCUG
place: McCook Public Library (basement), McCook
when: 3rd Sun (Sept-May).6PM
contact: Dave Matthews 308-345-5884
interests: Amiga / Commodore

AC's GUIDE/AMIGA

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USER'S GROUPS

•NEVADA•

Southern Nevada Amiga-users Group S.N.A.G.
place Nevada Power Bldg. Sahara & Jones
when every other Sat. 10 AM
contact Eric Douglas 702-798-4760 voice line BBS 702-566-0683
interests Amiga

•NEW HAMPSHIRE•

Commodore Users Group
place: Bow Memorial School, Bow
when: 1st Mon. 7 PM
contact: Albert Couture 603-669-2439
interests: Amiga/ Commodore

•NEW JERSEY•

Amiga Users' Group of New Jersey
place: Rutger's University, Camden
when: 3rd Thur. 7 PM
contact: Jay Forman 609-667-2526
interests: Amiga/ MS-DOS

Cebug
place: East Brunswick Library E. Brunswick
when: 1st Thur . 7 PM
contact: Dave Pollak 201-390-6767
interests: Commodore

M.A.C.U.G.
place: Parsippany Public Library
Parsippany Road, Parsippany
when: 3rd Thur. 7:30 PM
contact: Michael Pallante 201-361-4560
interests: Amiga / Commodore

•NEW MEXICO•

Aviation & Computer Enthusiasts
place: 2009 Camelot Dr, Las Cruces
contact: Carl Bogardus 505-526-5645
interests: Amiga/ Commodore/ MS-DOS

CUGOR
place: Roswell Adult Center 807 N Missouri, Roswell
when: 1st & 3rd Wed. 7 PM
contact: Ralph Knight 505-622-9250
interests: Commodore

Deming Commodore UG
place: 1400 Mallery, Deming
when: 1st & 3rd Tue. 7:30 PM
contact: Robert Sandoval 505-546-3351
interests: Commodore

Rio Grand Valley Amiga UG
place: Jacobs Hall NMSU rm. 129, Las Cruces
when: 1st Thur. 7 PM
contact: Marilyn Martin 505-646-1840
interests: Amiga

•NEW YORK•

C.D.A.U.G.
place: The Computer Cellar Westgate Shopping Mall Albany
when: 3rd Thur. 6:30 PM
contact: Carmen Artino 518-783-1784
interests: Amiga

T.A.S.C. II
place: E.C. Unlimited, Fulton
when: 3rd Sun. 2 PM
contact: Jean Gulliver 315-593-1825
interests: Amiga

Triple Cities Commodore Society
place: Vestal Public Library Vestal
when: 1st Tue & 3rd Thur.7PM
contact: Larry Drumm 607-797-6117
interests: Commodore

WAUG
place: Software Link / Avantech Computers, White Plains
when: 1st & 3rd Thur. 7:30
contact: Billy Winters 914-769-943
interests: Amiga

•NORTH CAROLINA •

F.A.C.E.
place: Software Exchange Sycamore Square Shopping Center, Fayetteville
when: 3rd Wed . 7 PM
contact: John Berger BBS / 419-432-2013
interests: Amiga

Wilmington Commodore UG
place: Cape Fear Comm.Coll., Wilmington
when: 2nd Tue. 7 PM
contact: Wade Harris 919-763-5263
interests: Amiga / Commodre

•NORTH DAKOTA•

C.D.C.C.
place: First Federal Bank Bldg. Bismarck
when: 2nd Thur. 7:30 PM
contact: Troy Tausend
interests: Amiga / Commodore

Fargo Moorhead Amiga UG
place: 610 Main Ave, Fargo
when: 3rd Wed . 6:30 PM
contact: John Steiner 701-282-0293
interests: Amiga

•OHIO •

A.C.C.U.G.
place: CEI Bldg -2nd floor, Ashtabula
when: 2nd Wed . 7 PM
contact: Joe Schnoblen

Akron Area Commodore UG
place: Green Middle School, Greensburg
when: 3rd Sat . 1 PM
contact: Howard Busson 216-794-1953
interests: Amiga/ Commodore / MS-DOS

Amiga UG # 432
place: Computer Basics 2000 North Rd. Plaza, Warren
when: 2nd Sat . 2 PM
contact: Dennis Alexander 216-652-0056
interests: Amiga

Basic Bits Commodore Group
place: Fields UM Church 34077 Lorain Rd., N. Ridgeville
when: 3rd Fri. 7:30 PM
interests: Amiga / Commodore

CA-AUG
place: Cleveland Indtitute of Art, 11610 Euclid Ave, Cleveland
when: summer / 3rd Sat . 2-4:40 PM
contact: Bill Hogsett 216-295-1624
interests: Amiga

Canton Akron Massillon UG
place: Holy Trinity Lutheran Church 55th & Middlebranch Rd., N Canton
when: 3rd Sat . 7-10 PM
contact: Roger Knop 216-499-0848
interests: Amiga / Commodore / MS-DOS

CEBUG
place: Zion Luth Church-Huron, Huron
when: 3rd Mon. 7:30 PM
contact: Irene Kraus
interests: Amiga/ Commodore / MS-DOS

Central Ohio Commodore UG
place: Columbus State Comm. Coll., Columbus
when: 3rd Thur. 7:30 PM
contact: Philip Lynch 614-274-0304
interests: Amiga / Commodore/ MS-DOS

Chillicothe Commodore UG
place: Salem Church corn. 4th & Mulberry St. Chillicothe
when: 1st Tue. 7 PM
contact: Bill Pietschman 614-773-2157
interests: Amiga/ Commodore/ MS-DOS

CHUGS
place: Clark City Mental Health Board, 1101 E. High St., Springfield
when: 3rd Sat . 1 PM
contact: Barbara Bickel 513-322-9310
interests: Amiga/ Commodore

DACUG
place: Kettering Rec. Center, Kettering
when: 2nd Sat . 3-7 PM
contact: Elwood Dornbusch 513-426-6558
interests: Amiga/ Commodore / MS-DOS

HUG-64
place: Old Court House 819 Park St., Findlay
when: 2nd Wed. 7 PM 419-424-0455
interests: Commodore

L-BUG
place: Bowie Community Center, Bowie
when: 3rd Tues. 7:30 PM
contact: Lee Wiseman 301-464-1745
interests: Amiga / Commodore / MS-DOS

O.V.A.U.G.
place: University of Cincinnati Rieveschl Hall, Rm. 502 Cincinnati
when: Last Thur. 7:30 PM
contact: Dave Bane 513-753-3310
interests: Amiga

The Commodore and Amiga UG Inc
place: Grace Lutheran Church Columbus
when: 4th Sat —2nd Mon. 10 AM -1:30PM—6:30-9:30 PM
contact: Jo-Ann Nemeth 614-253-7408
interests: Amiga / Commodore/ MS-DOS

TRUMCUG
place: Cortland Bank Warren Elm Road Br., Warren
when: 3rd Wed (except July& Aug). 7:30 PM
contact: Robert Summers 216-856-1228
interests: Amiga/ Commodore

VICAP
place: White Oak Library, Silver Spring
when: 2nd Sat (June., Sep., Dec., & Mar.). 2 PM
contact: Hugh Pettis 301-434-6944
interests: Commodore

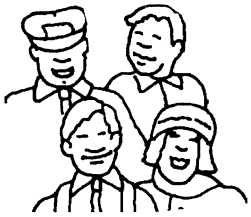
•OKLAHOMA •

Commodore Users of Bartlesville
place: Our Saviour Lutheran Church, 300 N.E. Madison Blvd, Bartlesville
when: 4th Tue Odd mos/ 4th Thur Even mos.
contact: Fred Mayes 918-336-0233
interests: Amiga/ Commodore

TACUG
place: Martin East Regional Library, Tulsa
when: 2nd Mon. 7:30 PM
contact: Wayne Wehrrspann 918-299-4559
interests: Commodore

•OREGON •

CUA
place: Calvary Temple Church 5th & E. Pine, Center Pt.
when: 1st Mon. 7 PM
contact: Kenneth Cote 503-779-3290
interests: Commodore



USER'S GROUPS

Lane County Commodore UG
place: EWEB Community Room, Eugene
when: 3rd Sat . 10 AM -2 PM
contact: Francis Saffell 503-342-6228
interests: Amiga/ Commodore / MS-DOS

M.I.G.A.
place: Carefree Mobile Village (rec room), Medford
when: 3rd Sat . 5 PM
contact: Randy Waarrick 503-826-7510
interests: Amiga

Northwest Amiga Group (NAG)
place: P.G.E. Auditorium 3700 S.E. 17th , Portland
when: 4th Tue . 7 PM
interests: Amiga / Commodore

•PENNSYLVANIA •

ABC Chips
place: Sacred Heart Hospital, Allentown
when: 1st Wed. 7-10 PM
contact: Thomas Duff 215-865-4524
interests: Amiga

Buxmont Computer UG
place: Lansdale Public Library Lansdale
when: 2nd Thur. 7 PM
contact: Paul Steinmetz 215-368-1949
interests: Commodore

CPACC
place: The Computer Experience, 3401 Hartzdale, Camp Hill
when: last Thur. 6:45 PM
contact: David Isett 717-737-9874
interests: Amiga

HUNTINGDON COUNTY HACKERS
place: Huntingdon County Library Huntingdon Br., Hunt.
when: 2nd Sun. 2 PM
contact: Shawn Ketner 814-643-1699 814-643-2549
interests: Amiga / Commodore

L.E.A.G.U.E.
place: Stautrer Mansion 1241 Lititz Pike , Lancaster
when: 2nd Mon . 7 PM
contact: Lamar Stahl 717-569-1744
interests: Amiga

Main Line Commodore UG
place: Villanova University, Villanova
when: 1st Sat . 9:30 AM
contact: Emil Volcheck 215-388-1581
interests: Amiga/ Commodore

Nepace Commodore UG
place: Penn State Hazleton Campos Hazleton
when: 4th Fri (Sep - May). 7:30 PM
contact: David Orbin 717-450-3088
interests: Amiga/Comm. /MSDOS

North Coast Commodore UG
place: Villa Maria College, Erie
when: 3rd Tue . 7:15 PM
contact: Calvin McAdoo 814-734-4589
interests: Amiga / Commodore

Philadelphia Amiga UG
place: MacAlistor Hall Rm. 4014-16 33rd & Chestnut St Philadelphia
when: 2nd Sat . 12:30 - 4:30PM
contact: Michael Levin 215-825-0548
interests: Amiga

Scranton Commodore UG
place: Junior Achievement Center, Scranton
when: 3rd Tue . 7 PM
contact: Phil Matone 717-489-7843
interests: Commodore

White Rose Commodore UG
place: Adams Electric Cooperative, York
when: 3rd Wed. 7 PM
contact: James A. Miller 717-848-9321
interests: Commodore

•RHODE ISLAND •

Narragansett Commodore UG
place: Showamut Baptist Church, W. Shore Rd, Warwick
when: 4th Wed. 7:30 PM
contact: Ron Maguire 401-738-6972
interests: Amiga/ Commodore

Warwick Commodore UG
place: St. Barnabus Church, Appanoag
when: 2nd Wed. 7:30 PM
contact: Ted Walters 401-433-5617
interests: Amiga/Comm./MS-DOS

•SOUTH CAROLINA •

Commodore Computer Club of Columbia
place: Classics 1632 Hampton St;, Columbia
when: 1st Thur . 7:30 PM
contact: Buster White 803-733-9783 803-772-0305
interests: Amiga /Commodore

SPARCUG
place: Spartanburg Art Center, Spartanburg
when: 2nd Sun. (except May). 1:30 PM
contact: Lee Speer 803-582-5222
interests: Amiga/Comm./MS-DOS

•SOUTH DAKOTA •

Aberdeen Commodore Club
place: NW Bell Bldg 15 SW 4th Ave., Aberdeen
when: last Tue. 7 PM
contact: Dorothy Gathright BBS/ 605-622-3880
interests: Amiga/Comm./MS-DOS

•TENNESSEE •

Commodore Association of SE
place: Bonanza Stewart Ferry Pk & I-40 Nashville
when: Sat as scheduled . noon
contact: Thomas Kujawa 615-648-1838
interests: Amiga/ Commodore

Hackers
place: Bartlett Lib, Bartlett
when: 2nd Mon - 3rd Sat. 7 PM - 10 AM
contact: James Patrick 901-795-0461
interests: Commodore

Memphis Amiga Group
place: State Tech. Inst. at Memphis
when: 2nd Sat. 1 PM
contact: Broadus Weatherall 901-767-9239
interests: Amiga

Memphis Commodore Users Club
place: State Tech Inst Fulton Auditorium, Memphis
when: 1st Tue. 7 PM
contact: Bob Nunn 901-795-0461
interests: Commodore

The Amiga Club
place: Cumberland Museum, Antioch
when: 2nd Thur. 7 PM
contact: Becky Fox Matthews BBS 615-776-5438
interests: Amiga

•TEXAS •

Club Amiga
place: Micro Search Computers 9896 S.W. Freeway, Houston
when: 1st Thur. 7-9 PM
contact: Joyce Burek 713-481-4704 after 4 PM
interests: Amiga

CUT
place: 7007 Memphis Ave., Lubbock
when: 2nd Tue 7-9 PM 4th Sat. 3-5 PM
contact: Gayle Gafford 806-792-7121
interests: Amiga/Comm./MS-DOS

El Paso Commodore UG
place: Lincoln Cultural Arts Center 4001 Durazno, El Paso
when: 2nd Thur 7 PM— last Sat. — 10 AM
contact: Blaine Snyder 915-751-9884
interests: Amiga/Comm./MS-DOS

Longview Commoaore UG
place: Pinetree Jr. High School, Longview
when: 3rd Tue. 7 PM
contact: Eldon Boswell 214-759-9064
interests: Amiga / Commodore

Mid-Cities Commodore Club
place: Arlington / Grand Prairie Chapter Arlington Comm. Ctr.
when: 3rd Tue. 7 PM
contact: Glen Herring 817-572-0489
interests: Commodore

Mid-Cities Commodore Club
place: Fort Worth Chapter Southwest Regional Library, Arlington
when: 3rd Sat. 1:30 PM
contact: Eldor Luedtke Jr 817-626-0518
interests: Amiga/ Commodore

Mid-Cities Commodore Club
place: Amiga Central Chapter Arlington Comm. Ctr.
when: 3rd Tue . 7:30 PM
contact: Bill Keatley 817-292-6639
interests: Amiga

Mid-Cities Commodore Club
place: Amiga By-The-Loop Chapter N. Richland Hills Church, Arlington
when: 2nd Tue. 7 :30 PM
contact: Brent Wood 817-246-3707
interests: Amiga

Texas Commodore UG
place: Lewis Hunnicutt's House, Royse City
when: call for day and time.
contact: Lewis Hunnicutt 214-635-9005 (call bet. 4&6 C.S.T.)

TOTCOM
place: LTV ,530 West Brown, Pampa
when: 1st & 3rd Thur. 7 PM
contact: Sid Robinson
interests: Amiga/ Commodore

TRICUG
place: call for meeting place Amarillo
when: 2nd Sat. 10 AM-12 Noon
contact: Wayne Martin 806-355-4577
interests: Amiga/Comm./MS-DOS

•UTAH •

Amiga Round Table
place: Weber State College Lynn Lecture Hall, Ogden
when: 2nd Sat . 11-5
contact: Ted Johnson 801-546-4445
interests: Amiga

USER'S GROUPS

BYU Amiga Users Group
place: 258 ELWC on the Brigham Young University Provo
when: 2nd & 4th Sat. 10 AM
contact: Brian Koetting 801-377-2269
interests: Amiga

•VERMONT •

Champlain Valley Commodore UG
place: S. Burlington Middle School (cafeteria), S. Burlington
when: last Wed. 7-9 PM
contact: Steve Lippert 802-658-4160
interests: Amiga / Commodore

•VIRGINIA •

Capital Area Commodore Enthusiasts
place: Tysons-Pimmit Reg. Lib., Fairfax City
when: 4th Sat. 1:30 PM
contact: William Tyler 703-471-0442
interests: Amiga/ Commodore

CURVE
place: Dumbarton Library Staples Mill Penick, Richmond
when: 3rd Mon. 7 PM
contact: Kent durvin 804-321-5057
interests: Amiga / Commodore

Portsmouth Commodore UG
place: Portsmouth Catholic El School, Portsmouth
when: 4th Tue . 7:30 PM
contact: Louis Parker 804-488-2249
interests: Amiga/ Commodore / MS-DOS

R.A.G.
place: Dumbarton Library Richmond
when: 4th Sat .
contact: Bob Fisher 804-353-0225
interests: Amiga

Tidewater Commodore UG
place: Open Door Chapel (rear) Virginia Beach
when: 2nd &4th Thur. 7 PM 804-588-5617
interests: Amiga/ Commodore

Washington Area Commodore UG
place: George Mason High School 7124 Leesburg Pike, Falls Church
when: 3rd Sat .
contact: John Krout 703-273-6074
interests: Amiga/Comm./MS-DOS

•WASHINGTON •

AMUSE
place: Lake Hills Library 15228 Lake Hills Blvd, Bellevue
when: Sat. 4:30 PM
contact: Jim Boydston 206-255-2043
interests: Amiga

Blue Mountain Commodore UG
place: Labor Council, 343 S. 3rd Ave. Walla Walla
when: 7:30 PM
contact: Jim Godfrey 509-529-4665
interests: Amiga/ Commoddore / MS-DOS

Island Commodore UG
place: Harbor Towers 7330 700th Ave W, Oak Harbor
when: 2nd Sat. 7:30 PM
contact: Carole Czlapinski 206-679-4450
interests: Commodore

O.P.U.G.
place: Agnew Community Hall Port Angeles
when: 2nd Thur . 7:30 PM
contact: James Rosand BBS/206-452-8601
interests: Commodore

S.T.A.G.
place: Bates V. Tech 2201 S. 78th St., Tacoma
when: 2nd Tue. 7 PM
contact: Ralph Redjou 206-581-2993
interests: Amiga

SWAMI
place: Take A Byte Computers 815 W. Columbia Dr, Kennewick
when: 2nd Thur. 7 PM
contact: Chris Bosted 509-375-7709
interests: Amiga

UPCHUG
place: Fircrest Recreation Ctr. Tacoma
when: 2nd & 4th Thur. 7 PM
contact: David Ockrassa 206-832-3359
interests: Amiga / Commodore

WACKO Walla Walla Computer Users
place: Life Science Center Walla Walla College College Place
when: 3rd Sun. 2 PM
contact: Richard Daley

•WEST VIRGINIA •

BUG 20/64 Bluefield UG
place: Humana St. Lukes Southview Dr, Bluefield
when: 2nd Mon.
contact: John Knowles 703-326-2140
interests: Commodore

•WISCONSIN •

CHIPS
place: 800 East Kilbourn , West Bend
when: 2nd Wed & 4th Thur. 6:30 PM
contact: Thomas Daley 414-338-3047
interests: Commodore

Lakeshore Commodore Core
place: Lakeshore Tech College (conf. rm. A), Cleveland
when: 2nd Wed . 7 PM
contact: Merwyn Beyer Manitowoc/ 414-684-5307- Sheboygan / 414-458-5645- Plymouth / 414-892-2606
interests: Amiga / Commodore

•WYOMING •

Cheyenne Association
place: Laramie County Library 2800 Central Ave., Cheyenne
when: 1st Thur. 7 PM
contact: Gene Rugotzke
interests: Commodore

FOREIGN GROUPS

•AUSTRALIA •

CAUSe
place: Seventh Day Adventist Church Hall, 3 Macleay St, Turner
when: 2nd Thur. 8 PM
contact: John Buttle BBS/062-551469 — 062-514141
interests: Amiga

Computer Users Groups of Austalia
place: St. Peters Lutheran Church Hall Hadley & Grand St Pittsworth, Qld.
when: 1st Sat.
contact: Ross Hall
interests: Amiga

•BRAZIL •

SYNTHESIS
place: 30260 Belo Horizonte MG, MG
when: weekends.
contact: Alvaro Angelo 031-467-1480
interests: Amiga

•CANADA •

Amici Amiga
place: Auditorium of the National Research Council 100 Sussex Dr, Ottawa
when: 2nd Wed. 7 :30 PM
contact: Walt Sullivan
interests: Amiga

AMUC
place: University of Calgary Craigie Hall (rm CH119) Calgary
when: 3RD Wed. 7 PM
contact: Dale Schofield 403-293-7102
interests: Amiga

Brampton Commodore UG
place: Chingscousy Lib- Bramalea Brampton
when: 2ND Mon (except July-August) 7-9 PM
contact: Daniel Berg 705-846-7981
interests: Amiga/Commodore

Calgary Commodore UG
place: Public Library 616 MacLeod Trail SE, Calgary
when: 1ST WED (except July & Aug). 7:30 -11 PM
contact: Ralph Dunphy 403-286-4568
interests: Amiga/ Commodore

Midland Commodore UG
place: Midland Centennial Arena Boardroom #1, Midland
when: 1st WED. 7:30 PM
contact: Frank Murphy BBS/705-549-7397
interests: Amiga/Commodore

MUG
place: Dieppe Town Hall, Dieppe
when: 1st Tue (except July & Aug).7-10PM
contact: Dave Quinn 506-382-9664
interests: Amiga/Commodore/ MS-DOS

North Bay Commodore UG
place: Ministry of Trans. North Bay
when: 1st WED. 7 PM
contact: Fred Miller 705-474-8714
interests: Amiga/ Commodore

Pleasantville Commodore UG
place: Bldg 308 Langley Rd, St. John's
when: 2nd Tue . 8 PM
contact: Michael Sullivan 709-726-0136
interests: Amiga / Commodore / MS-DOS

Port Coquitlam Computer Club
place: Hyde Creek Centre 1379 Laurier, Port Coquitlam
when: 1st & 3rd Tue (Sept - June).
contact: Michael Evans 604-942-4286
interests: Amiga/ Commodore/ MS-DOS

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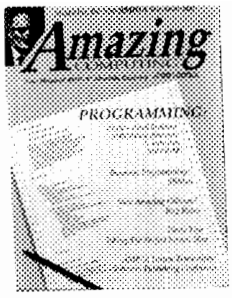

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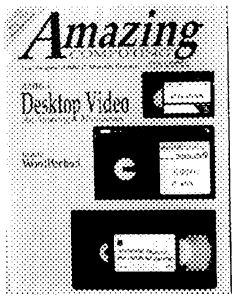

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by Richard Martin
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How to walk all over your Amiga.
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by John R. Wiederhirn
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EA's Dan Silva tells how DeluxePaint III evolved.
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Presentation techniques to enhance your meetings and seminars.
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Routines that allow Fortran applications to run in an Amiga multitasking environment.
Gels In Multi-Forth Part III by John Bushakra
John continues his series in Gels.
JForth Professional by Jack Woehr
A complete software development system centered around a state-of-the-art full 32-bit JSR-threaded Forth.
C Notes from the C Group by Stephen Kemp
"Keep it simple" utility programming.
New Products...and Other Neat Stuff
by Elizabeth G. Fedorzyn
Snapshot by Brad Andrews
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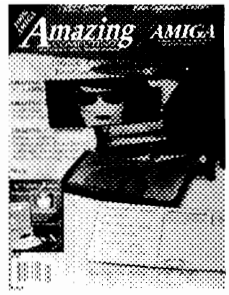

Roomers by the Bandito
The Bandito shares the untold tale of Amiga Live! And does 1.4 mean the end for the Guru?
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Bugs in Superbase, upgrades for ARexx and more!
The Command Line: A Review of Tshell
by Rich Falconburg
A UNIX-like substitute command line interface.
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Programming & Education Programming
HiSoft Compiler by Cole Calistra
A BASIC compiler that has good features. is quick, and well worth the price!
JForth Professional by JAck Woehr
It fills the requirements of the professional Forth programmer.
Better TrackMouse by Robert Katz
A true one-handed trackball mouse!
SimCity Review by Miguel Mulet
How would you handle Boston, Massachusetts right before a major nuclear meltdown?!
SimCity Conference edited by Richard Rae.
A conference with Will Wright and Brian Conrad of SimCity fame.
A1000 Rejuvenator edited by Richard Rae
A conference with Gregory Tibbs.
APL &the Amiga A Friendly Pair by Henry Lippert
A look at the hidden language of APL.
Saving 16-color pictures in high-resolution
by Paul Castonguay
Part Three of the Fractals series.
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How to implement an interface to the ARP liabrary.
More requesters in AmigaBASIC by John Wiederhirn
Pushing beyond the limits of BASIC with system routines.
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Adding gadgets in Assembly.
Tshell Part II by Rich Falconburg
A new Amiga program that will enhance the command line environment.
Function Evaluator in C by Randy Finch
A routine that accepts mathematical functions as string input and then evaluates the function.

Education Special
Big Machine On Campus by Joel Hagen.
Humboldt State University in Northern California goes Amiga.
Commodore's Educator! .
CBM uses video to reach the classroom.
Typing Tutor . by Mike"Chip" Morrison
Save the city of Keycaps from capital letters.
Reading, 'riting & resolution by Joe DiCara.
Three paint programs primarily designed for pre-school and elementary grades.
The Amiga In Higher Education by Tony Preston.
Rutgers University,in New Jersey, recognizes the special value of the Amiga.
New Products and Other Neat Stuff
by Elizabeth G. Fedorzyn
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Snapshot by R Brad Andrews
Help Rambo save Colonel Trautment in Rambo III, or drive a Ferrari in the Grand Prix.
PD Serendipity
by Mike Morrison Mike
Fred Fish disks #229 to #236.
No Fishing! by Graham Kinsey
Graham reviews PD programs from the local BBS.
Bug Bytes
by John Steiner
John keeps us up-to-date with the latest software bugs!
Roomers by the Bandito.
The Bandito lists his annoyances,while Commodore gets ready for Christmas.
Video Schmideo by Barry Solomon
AC's Video Editor gives us helpful hints and tips in video.
C Notes from the C Group
by Stephen Kemp. A look at a search utility program.

Volume 4 Number 11
Ami X-10 Software by Mike Morrison
Software to program the X-10 Home Control Interface with your Amiga.
Spirit Technology's HDA-506 by Chuck Raudonis
Chuck checks out Spirit Technology's new HDA-506 interface.
Supra Controller by Jon A. Boulle An indepth review of the Supra Controller.
Commodore A590 Hard Drive Plus by Paul Costa
An Amiga hard-disk controller complete wiyh the hard disk.
UPS Tests and Reviews by Steve Bender Part III of testing UPS units.
Bored with Boards? by Lonnie Watson Read about ACDA Corporation's foray into the world of data acquisition.
Learning the Hard Way by Phil Saunders The frustrations of upgrading your A1000.
STARSHIPS 2050 by Mike Morrison New 3D Clip Art from Polar Arts Software.
Snapshot by R. Brad Andrews Gauntlet II, Deja Vu II, and Prison are just a few of the games reviewed this month.
The Amiga Hardware Interface by John Iovine Learn to further utilize and enhance your Amiga's abilities.
The Command Line by Rich Falconburg Features in the AmigaDOS 1.3 Enhancer software package.
Roomers by The Bandito The Bandito predicts a rough Christmas for entertainment software giants.
New Products and Other Neat Stuff by Elizabeth G. Fedorzyn Liz takes a look at Falcon Mission Disk, Mac-2-DOS and PIC- MAGIC.
Video Schmideo by Barry Solomon AC's video editor takes a look at genlocks.
Bug Bytes by John Steiner After two years of battling the "bugs", John is still going strong.
PD Serendipity by Mike Morrison A quick look at Fred Disks 237-250.
C Notes from the C Group by Stephen Kemp Creating your own libraries in C.
Spritz by R. Shamms Mortier A new program from the author of the ExpressPaint series.
Populous by Michael Mulet Have you ever dreamt of reaching heights beyond the world of mere mortal? Then Populous is the game for you.
Battlehawks 1942 by Phil Saunders Help decide the outcome of World War II in the Pacific with LucasFilm Games' Battlehawks 1942
War In Middle Earth by Rich J. Grace You can now be a part of J.R.R.Tolkien's epic trilogy, The Lord of the Rings.
APL & the Amiga, Part II by Henry Lippert Henry keeps his promise and discusses how to write a program in APL.
FastPixO by Scott Steinman A faster pixel-drawing routine for the Aztec C compiler.
64 Colors in AmigaBASIC by Bryan Catley Bryan demonstrates how to display 64 colors on your screen.
Fast Fractals by Hugo M.H. Lyppens Generate Mandelbrot Fractals at lightning speed.
Multitasking in Fortran by Jim Locker Working around the difficulties of Fortran on the Amiga.

Volume 4 Number 12
Dear TIME 10 by Don Hicks. An open letter to TiME magazine.
The MIDI Must Go Thru by Br. Seraphim Winslow Br. Winslow shares his experiences in expanding his Amiga into a full-blown MIDI studio.
View From The Inside by Melissa Jordan Grey Bars & Pipes' designer gives us a tour of Blue Ribbon Bakery's hot new music program.
Commercial Rollout by Jean and Ben Means Commodore celebrates "The Computer for the Creative Mind."
Behind The Scenes by Geoffrey Williams Geoffrey takes a closer look at Commodore's new $15-million advertising campaign.
AmiEXPO Santa Clara by Rosie O'Grady Amiga developers show off their stuff.
ARexx Part II 35 by Steve Gillmor "Now that I've got ARexx, what do I do with it?"
Leggo My LOGO 104 by Mike Morrison Logo uses turtle to help teach kids about computer programming.
Delphi Noetic's F-BASIC 2.0 by Robert J. Tiess. "F-BASIC is a complete language and development system.
A CLI Beginner's Questions Answered by Mike " Chip" Morrison. Answers to some of the first questions new Amiga owners ask about the CLI.
Trees and Recursion by Forest W. Arnold An introduction to what trees are and a discussion about recursion.
No Fishing! by Graham Kinsey More great PD programs including a sideshow program, ShoWiz.
New Products and Other Neat Stuff! by Elizabeth G. Fedorzyn T.A.C.L. Celebrity Cookbook, Swords of Twilight, and more!
Video Schmideo by Barry Solomon The 1989 Video & Graphics round-up.
Snapshot by Brad Andrews Race with one of the most powerful race crafts in space, or beat golf pro Jack Nichlaus at his own game. The ring master loses his pants in Mindscape's Fiendish Freddy's Big Top o' Fun.
Bug Bytes by John Steiner Bug fixes and improvements are available in WordPerfect's update. Also some problems with DeluxePaint III.
Roomers by The Bandito A sneak peek at Apple's LCM, and the Amiga 3000 may be closer than you think.
PD Serendipity by Mike Morrison A review of Escape From Jovi III and Mach 2 utility.
C Notes by Stephen Kemp A look at two compressing data techniques.
The Command Line by Rich Falconburg Exploring commands in AmigaDOS.
Amiga Circuits by John Iovine Learn the techniques required to input information via the parallel port.
Gunship reviewed by Derek Perry Derek takes a look at MicroProse's aircraft combat game, Gunship.
PAPERBOY reviewed by R.J.Hicks And you thought being a paperboy was an easy job. Well R.J. tells us different.
Archipelagos reviewed by Miguel Mulet Can you save the world from the decaying nuclear reactor obelisks?
The Great Amiga Holiday Games Tip by Barry"Santa" Solomon Santa gives us two hot tips for the Holiday Season.
Blood Money reviewed by Joe DiCara A challenging action game from Psygnosis, Ltd.
Support Your Local Library reviewed by Marion Deland A review of WordPerfect's desktop utility, WordPerfect library.

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Dear Animators by Barry Solomon. Introducing AC's Animation section.
Ladies and Gentlemen, we give you...THE WINNER! by Bradley W Schenck. The making of the 1989 BADGE Killer Demo Contest winner, The Sentinel.
Animation For Everyone by Barry Solomon Animation Can Be A Moving Experience.
PIC-MAGIC A Product Profile by Orlando Furioso Wonderfully sketched, ready-to-color images!
Brushing-Up On Animation by Barry Solomon. Cut, paste, and animate your way to fame.
Animation With Sculpt-Animate 51 by Lonnie Watson. Create some stunning artwork.
Animation? BASICally! by Mike Morrison Using Cell animation in AmigaBASIC.
Anim-Aids by Barry Solomon Where to find the help you need.
Menu Builder by Tony Preston Building menus with Intuition.
Facing the CLI by Mike Morrison Disk structures and startup-sequences.
Dual Demo by Thomas Eshelman Programming an arcade game can be easy.
Scanning The Screen by Paul Castonguay Part Four in the fractals series.
It's Colder Than You Think by Robert Klimaszewski. Simple program to calculate the wind chill temperature.
Thinker by Robert Klimaszewski "An Idea Processor".
New Products and Other Neat Stuff by Elizabeth G. Fedorzyn Pro Tennis Tour. Keef The Thief, and Distant Suns top the list.
Snapshot by R. Bradley Andrews Three arcade favorites, and a space role-playing game. RoboCop-an arcade game based in the future. Super Hang-On-Only your skill and reflexes will allow you to win the ultimate race.
Video Schmideo by Barry Solomon There's no business like the Video Business.
No Fishing! by Graham Kinsey A preview of Workbench 1.4. Plus a fantastic gambling game.
Bug Bytes by John Steiner More bugs and upgrades for the Amiga user.
Roomers by The Bandito. The Bandito's fearless predictions for 1990 are here.
PD Serendipity by Mike Morrison. Animations from the '89 BADGE Killer Demo contest.
LaserBoing-Mike van der Sommen's entry to the 1989 BADGE Killer Demo Contest. "This 'Amiga Boing' ball is just loaded with energy."
Amiga Circuits by John Iovine Controlling large amounts of electrical energy.
C Notes From The C Group by Stephen Kemp Recursive functions in C
More Advice For A1000 Upgrades
Richard Taylor, President of Expansion Technologies.

Volume 5 Number 2
DTP and the Amiga
A Beginner's Guide To Desktop Publishing On The Amiga by John Steiner Guidelines to making your desktop publishing documents more attractive and professional in their appearance.
Amiga Desktop Publishing—A new era?
A checklist for the Amiga's top three desktop publishing packages.
A Desktop Publishing Primer
Clearing up some of the mystery surrounding printers.
Desktop Publishing Glossary
The most often-encountered terms relating to DTP.
New Products and Other Neat Stuff by Elizabeth G. Fedorzyn World 3D, pipe Dream, and ZeroVirus III top the list
Roomers by The Bandito AMax code is cracked. Commodore's game machine is closer than you think.
Video Schmideo by Barry Solomon How high is Hi-Fi?
Bug Bytes by John Steiner John stomps on more bugs in the Amiga community
C Notes From The C Group by Stephen Kemp Discussing "static" variables.
Snapshot by R. Bradley Andrews. Do you dare enter the Maniac Mansion? Reach for the stars in Strategic Stimulation's Stellar Crusade, plus more.
PD Serendipity by Chip Morrison Virus helpers and SensoPro, and the Simon-like game.
Amiga Circuits by John Iovine Analog to Digital Conversion.
Resizing the Shell/CLI Window by William A. Jones Introductory tutorial on the disk sector editing.
Call Assembly Language from BASIC by Martin F. Combs Add speed to your programs with Assembly.
You Too Can Have a Dynamic Memory! by Randy Finch Flexible string gadget requester using dynamic memory allocation.
An Amiga Conundrum by David Senger An AmigaBASIC program for a puzzle-like game.
WHO! WHAT! WHEN! WHERE! by Mike Hubbart Turn your computer into your own personal secretary
VTX On-Line by Cole Calistra MichTron's telecommunications terminal program.
Benchmark Modula-2 Source Level Debugger by Steve Faiwiszewski A look at Avant Garde Software's Benchmark Modula-2 Source Level Debugger.
ScanLab by Perry Kivolowitz ASDG's President shares the development of ScanLab,
COMDEX '89 by Ed Bercovitz Ed checks out Las Vega's COMDEX.
EXTRA! EXTRA!
AMIGANET by Ernest P. Viveiros Jr. " We were up and running in a few minutes. It's HOT!"

To be continued.....

FREELY REDISTRIBUTABLE SOFTWARE

The following is a collection of descriptions for Freely Redistributable Software in the Fred Fish, AMICUS, and AC libraries. Arranged alphabeticaly, the contents of the latest version is described with a list of the earlier versions of the program following. The descriptions were supplied by Fred Fish, and the staff of Amazing Computing. For a list of the contents of each disk, please refer to the indexes supplied elsewhere in this issue.

'881 Math Part I: Programming the 68881 math coprocessor chip in C Author: Read Predmore AC2

'881 Math Part II: Part II of programming the 68881 math coprocessor chip using a fractal sample. By: Read Predmore AC3

'Liner 'Liner is a freely distributable outliner. It can be used to create outlines of any length, in a number of different formats, and can save the outlines as straight text for export to other programs. Version 1.32. Includes source. Author: Dave Schreiber FF285

.Blanker2 A screen blanking program that turns the screen black after 90 seconds of keyboard and mouse inactivity. Implemented as a very tiny event handler to the input handler event stream. Version 1.27.88, includes source. Author: Joe Hitchens FF146

.Diff A program that uses the same algorithm as the UNIX diff program and also produces context diffs, suitable for use with patch. This is the same version that was distributed on FF 138, but now includes the missing files (including source code). Author: Unknown (Decus C diff) FF142

.Keymap_Test A program to test the keymapping routines and find possible bugs. Useful as an example of keymapping. Author: Pushpa Kumar FF19

.Rim RIM-5 (Relational Information Manager) is a full relational DBMS that is suitable for VERY large databases using B-Tree data storage. It has a crude (by today's standards) user interface, but since full source code is provided, this can be fixed. Versions of RIM run on a wide variety of systems, small and large, and produce compatible databases. Also includes a built in HELP database and a programming language. Full Fortran source code and documentation included. Author: Various, Amiga port by Glenn Everhart FF143

1812Overture The 16 minute classical feature complete with Cannon! AM23

1D_Cells: A program that simulates a one-dimensional cellular automata. Author:Russell Wallace AC5

3D Breakout 3D glasses, create breakout in a new dimension. AM15

3D-Arm The first stage of a larger project to study goal directed animation of articulated objects (objects which can move with various degrees of freedom but are constrained by attachment to other links within the object). This program demonstrates goal directed animation with a simulated 3-dimensional robot arm. Includes source Author: Bob Laughlin FF47

3Dcube Modula-2 demo of a rotating cube. AM8

3DSolids 3D solids modeling prog. w/sample data files. ABasiC program AM1

3dsolids One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

3dstars 3D version of Leo's 'stars' program (also on this disk). Author: Leo Schwab FF33

60or80 A small utility to toggle the 60/80 column text modes without having to go through preferences. Works from either the CLI or the Workbench. Includes source. By: Mark Schretlen FF157

64 Colors: Using extra-half-brite mode in AmigaBASIC. Author: Bryan Catley AC6

68020 Text describes 68020 speedup board from CSA. AM1

6bitcolor Extra-half-bright chip gfx demo, C program in C source code and executable. AM3

8ColorWB Modifies the Workbench so three bitplanes are used, icons can have eight colors, instead of four, eight-color icons are included. Public domain program "zapicon" or "brush2icon" converts eight-color IFF brushes to icons, to use Deluxe Paint to make icons for this new Workbench. AM25

A-Render Version.3 a Ray-Tracing Construction Set for the Amiga Computer by Brian Reed ED FF99

A68k A 68000 assembler originally written in Modula-2 in 1985 and converted to C by Charlie Gibb in 1987. Has been converted to accept metacomco-compatible assembler source code and to generate Amiga objects. Includes source. Author: Brian Anderson; C translation and Amiga work done by Charlie Gibb FF110

A68k A 68000 assembler originally written in Modula-2 in 1985 and converted to C by Charlie Gibb in 1987. Has been converted to accept metacomco-compatible assembler source code and to generate Amiga objects. Includes source. This is V2.42, an update to FF110. By Brian Anderson; C translation and Amiga work by Charlie Gibb FF186

ABdemos AmigaBASIC demos. NewConvertFD creates .bmaps from fd files. BitPlanes finds addresses of and writes to bit-planes of the screen's bitmap. About Bmaps is a tutorial on creation and use of bmaps. LoadILBM loads and displays IFF ILBM pics. LoadACBM loads and displays ACBM pics. ScreenPrint creates a demo screen and dumps it to a graphic printer. Author: Carolyn Scheppner, Commodore-Amiga FF27

Access A 16 color terminal program based on Comm version 1.34 Includes new macro window, custom gadgets, colorized menus, etc. Version Beta 0.18, binary only. Author: Keith Young (based on comm by D.J. James) FF98

Accordion Demo version of a solitaire type card game. The object of the game is to condense all the cards into one pile. The cards are dealt face up from left to right, one at a time. Piles are built by moving a card or pile from the left onto a card or pile to the right. V 1.0.1, binary only. Author: Steve Francis FF260

acoustic guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Acp A copy program with file name expansion and argument interpretation like the UNIX cp. Author: Fred Cassirer FF36

Ada An Ada Syntax checker for the Amiga. Includes lex and yacc source. Author: Herman Fischer; updates by William Loftus FF154

Add Lets you create keyboard shortcuts for selection of menu items in programs where the author did not make provisions for such shortcuts, or chose ones that disagree with you. Also includes 'until' which waits for a specific named window to be created. Shareware, includes source. Author: John Russell FF73

addbook One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

ADDCR V1.00 Utility to add CR's before LF's in files FF168 & 169

AddKickMem Adds the KickStart memory to your free memory on an Amiga 1000 with Kickstart in ROM. FF105

addmem Executeable version for use with mem expansion article in AC v2.1. AM17

addmem.c Add external memory to the system. C program. AM4

Address Extended address book written in AmigaBASIC. Author: Mark Hurst FF32

AddressBook Simple database program for addresses. ABasiC program. AM1, AM8

ADL This disk contains a distribution of ADL (Adventure Definition Language). ADL is a superset of an older language named DDL, by Michael Urban, Chris Kostanick, Michael Stein, Bruce Adler, and Warren Usui. ADL enhancements were made by Ross Cunniff, who submitted this material for inclusion in the Fred Fish library. The standard library files 'GeneralInfo', 'Contents', and 'Distribution', along with their associated icons, have been added to the disk. The directory 'c' has been added, along with a very nice text reader program called 'less', which is the default tool for reading all the text files for which there are icons. Included here are the sources to the ADL compiler, interpreter, and debugger. The binaries were compiled by Ross with the Lattice 3.03 compiler. Ross noted in his letter that currently ADL is a CLI environment program only, but that he hopes to offer a more Amiga'ized version in the future. Also, the stack size should be set to at least 10000 before attempting to run ADL. FF91

Adventure A port of the classic Adventure game originally by Will Crowther and Don Woods. Has been extended to a 550 point version. Also speaks as it prints (though I found this feature

FREELY REDISTRIBUTABLE SOFTWARE

annoying). Minimum 512K recommended. Binary only. Author: David Platt, Ken Wellsch, Dave Haynie FF82

AdvSys An adventure writing system, as described in the May 1987 issue of Byte magazine. AdvSys is a special purpose programming language that was specifically designed to be used to write computer text adventure games. Version 1.2, binary only. Author: David Betz FF87

AegisDrawDemo Demo disk of the Aegis Draw program. This is the actual production program with only the 'save' feature disabled and without documentation (intentionally). Very impressive program! Received directly from Aegis Development. Cc Version of the UNIX like C compiler front end program, for Manx C. Previous released version was for Lattice C. Author: Fred Fish FF29

Aftterm Commmunications program utilizing IBM 3278 terminal emulation. Binary only. Author: Don Brereton FF170

Ahost Amiga terminal emulator featuring ANSI terminal emulation, file transfer with CompuServe's B-Protocol, Kermit, and Xmodem, user definable function keys, script language, RLE graphics and a special conference mode for use with CIS. Version0.9. Author: Steve Wilhite & George Jones FF40

AirFoil An update to the Airfoil generator on FF 71. Generates airfoil models as well as their corresponding streamline and pressure distributions. Includes source. Authors: Russell Leighton Addendum by David Foster FF150, FF71

alarm Sound demonstration icon-driven part of a set on AMICUS 10 AM10

AlarmingClock A simple alarm clock program with a very alarming 'ring', particularly if you hook it up to your stereo and turn up the volume. Includes source. Author: Brian Neal FF229

algebra One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Aliases Text explains uses of the ASSIGN command. AM1

alib Object module librarian. Author: Mike Schwartz FF2, AM2

Alice This animation is Carey's entry to the 1988 Badge Killer Demo Contest. Author: Carey T. Pelto FF212

Alint Support files for Gimpel lint to make it useful on the Amiga Author: Thomas Althoff FF34

AList A directory listing program based on Dave Haynie's LD4 program, with extensions and enhancements. Includes source. Author: Ed Kivi (original by Dave Haynie) FF108

AllocMaster Allocmaster is a program inspired by Nick Sullivan's 'Reserve' article in Amiga Transactor, for controlling the amount of both Chip and Fast memory available to the rest of the system. It is very useful for testing applications in low-memory situations. It also has a snapshot feature to report differences in available memory before and after running an application. V 1.17, binary only. Author: John Gerlach Jr. FF221

AltIcon Sets a second icon image, displayed when the icon is clicked. AM8

AMC 'Amiga Message Center' Scrolls a message from a text file across the screen on a colorful background. Similar to the 'greetings' programs developed by European Amiga enthusiasts. V1.0, binary only. By Foster Hall FF182

AmCat Shareware disk cataloging program. Suggested donation of $20. Binary only. Author: Brian Conrad FF67

amgseq1 One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

AmiBas Some miscellaneous AmigaBASIC programs, including a 3D plot program, a kaleidoscope, a C-A logo drawing program, a file comparison utility, a string search program, etc. Includes source. Author: Peter Kittel FF71

AmiBug Workbench hack makes the same fly walk across the screen at random intervals. Otherwise, completely harmless. AM24

AmicForm Creates a phonebook containing only those areacodes and exchanges reachable through PC-Pursuit. Update to the version on disk number 157. Works with the new Finalist BBS format. Version 1.4, Binary only. Author: John Motsinger FF178, FF157

AmiCron A simple UNIX 'cron' type program, which is a background task that uses a disk-resident table to automatically run certain tasks on a regular basis, at specific times. An enhanced and debugged version of AmiCron 2.3 from FF113. Includes source. Author: Steve Sampson, Rich Schaeffer, Christian Balzer FF139, FF113

AmicTerm A new terminal/communications program based on Dan James' 'comm' program, but greatly enhanced. Includes a script language, auto redialing, choice of display beep or audible beep, enhanced file requester, and more. Version .50 (beta), binary only. Author: David Salas and Albert Kirk FF82

Amiga Developer's IFF disk This is a copy of the Amiga Developer's IFF disk, received directly from Commodore-Amiga sources, with permission to place in the library and redistribute. It is an update to FF16, and is unchanged except the volume name has been changed to AmigaLibDisk64.Enjoy-Fred. FF64, FF16

Amiga Flight Simulator IIAMICUS Scenarios Disk 16 contains several files of scenarios for Amiga Flight Simulator II. By putting one of these seven files on a blank disk, and inserting it in the drive after performing a special command. In this game, a number of interesting locations are preset into the Flight Simulator program. For example, one scenario places your plane on Alcatraz, while another puts you in Central Park. AM16

Amiga Kermit V4D(060) port of the UNIX C-Kermit. AM17

amiga-copy One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

amiga3d Shows a rotating 3 dimensional solid 'Amiga sign'. No source available, executable only (downloaded from a Denver BBS). Author: Barry (bart) Whitebook of C-A FF12, FF14

AmigaBBS AmigaBASIC bulletin board C program. AM12

AmigaBench Optimized Amiga assembly versions of the Dhrystone benchmark. Includes 68000 and 68020 versions. Author: Al Aburto FF236

amigademo Graphical benchmark for comparing Amigas. Author: Charlie Heath (MicroSmiths) FF1

AmigaDisplay Yet another variation of a terminal emulator program. This is a modified AmigaTerm that can emulate a dumb terminal (interesting paradox here somewhere...), translate line termination sequences, optionally capture or discard control characters in the captured file, use audible bell, use another font, etc. Author: Don Woods (Original code by Michael Mounier) FF18

AmigaHost V0.9 for Compuserve. Includes RLE graphics abilities & CIS-B file transfer protocol. AM17

AmigaLine A series of various technical notes for Amiga programmers. Author: Byrce Nesbitt FF138

AmigaMonitor Dynamically display the state of the machine, including open files, active tasks, resources, device states, interrupts, libraries, ports, etc. Display window into memory. Version 1.13, binary only (source available from author). Author suggests $15 donation. Author: Jim Voris FF70, FF40, AM15

AmiGantt A project definition and management tool designed to create a simple, interactive method of outlining the task required to complete a particular project, using the GANTT chart as the input format. AmiGantt displays the project in a multi-window mode with separate windows for the GANTT chart, task information input, resource histogram display, and Pert chart display. Up to 500 tasks may be defined for any project, and a project may contain other projects as tasks. Version 3.0.0, shareware, binary only. Author: Donald Tolson FF248

AmigaPunt A program designed to predict the performance of horses in a race. The premise is that the factors affecting a horse's performance, and ultimately the result of the race, can be given a value. Binary only. Author: Pierre A du Parte FF272

AmigaSpell Very nice intuition oriented shareware spelling checker, version 2.0, binary only. Author: Mike Berro FF67, AM8

AmigaTCP The KA9Q Internet Software Package supports IP, ICMP, TCP, UDP, and ARP as basic services, and implements the FTP, Telnet, and SMTP protocols as applications. It runs on IBM PC and clones, the Apple Macintosh, and the Amiga. Includes source. Author: Bdale Garbee, Phil Karn, Brian Lloyd FF225

amigaterm Terminal emulation program with xmodem upload/download capability Author: Michael Mounier FF1

AmigaToAtari Source code for an Amiga to Atari ST object code format converter. Takes Amiga objects as input and produces Atari objects as output. This allows the Amiga to be used as a cross development machine providing the proper libraries are available. (Currently does not work, but I don't have an ST to try it with anyway...) Author: Landon Dyer at Atari Corp. FF20

AmigaTrek Three stories which are a parody of the Star Trek series, with an Amiga flavor. Author: Mike Smithwick FF278

amigatricks Text, tips on CLI commands. AM5

AmigaVenture A program which allows you to write your own Infocom-style adventure programs in AmigaBASIC. It is a full-featured adventure parser, including direct and indirect objects, multiple object processing, adjectives, automatic ambiguity resolution, and subordinate clauses. The parser includes support for one, two, or three-word verbs, and a full set of object-manipulation primitives. Author: Mitsuharu Hadeishi FF41

AmigaWave This is Allen's entry to the 1988 Badge Killer Demo Contest. It is an animation with sound effects by: Allen Hastings FF211

AmiGazer Compute a view of the night sky, using a database of 1573 stars, for any date, time of day, and latitude. Click on stars for info about them. Binary only. Author: Richard Horne FF90

AmiGo A Go board and player for the Amiga. You can play against another human, against the Amiga, or have the Amiga play itself. Version 1.0, includes source. Author: Todd Johnson, Stoney Ballard FF289

Amoeba This clone of Space Invaders is one of the best freely redistributable games for the Amiga to date. Unlike many commercial games, it even works correctly in a multitasking environment (by not requiring you to reboot just to play a game). Highly recommended! Binary only. Author: LateNight Developments FF120

AMon 1.1 Snoop on system resource use. Executable program and documentation. AM19

amortize Loan amortizations program in AmigaBASIC. AM11

AmScsi Preliminary documentation for a hardware project to build a SCSI controller board. The design does not support DMA or AUTOCONFIG'ing. Author: Rich Frantz FF66

AMUC_Demo A really neat horizontal scrolling demo that is a 2400 x 200 pixel 32 color IFF picture composed of Digi-View snapshots of members of the AMiga Users of Calgary, superimposed on a very wide picture of the Calgary Skyline. Binary only. Author: Stephen Vermeulen and Stephen Jeans FF117

AMXLISP Amiga-ized version of the XLisp interpreter originally by David Betz. V2.00, includes source. By David Betz; Amiga work by Francois Rouaix FF181

AmyLoad A graphical monitor of CPU, blitter, and memory use. Includes two components; load.device, which monitors system parameters, and amyload, which is the user interface and display program. Includes source. Author: Jeff Kelley FF111

AnalogJoystick Software support for use of analog joysticks on the Amiga. Includes a driver, a header file for code that calls the driver, and an example program that uses the driver. Includes source. Author: Dave Kinzer FF247, AC4

AnalytiCalc This disk contains version V23-2A of Glenn Everhart's large and powerful spreadsheet program called AnalytiCalc, submitted to me directly by Glenn for inclusion in the library as an update to the version released on disk 144. AnalytiCalc is presented in entirely ZOOed form because it could not otherwise fit on a single disk. Because the auxiliary utilities were presented on disk 144, they are not repeated here. The ZOO utility is used due to the lack of controversy over the format. The public domain BOOZ program is provided to extract the contents of the ZOO archives provided. With this release, AnalytiCalc has become 'Freeware' rather than 'Shareware'. Thus the only restrictions on AnalytiCalc code are that derivative programs remain freely distributable. FF176, FF144, FF104

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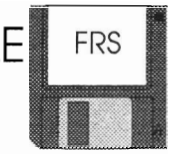

Analyze Templates 12 templates for the spreadsheet Analyze AM11

AnimalSounds A sample of digitized animal sounds along with a simple sound player. Authors: The Trumor Company, Inc. Sound Player by Don Pitts FF149

Animate Tutorial describes animation algorithms, by John Draper. AM2

Animation? BASICally: Using cell animation with AmigaBASIC. Author: Mike Morrison AC7

Animations VideoScape animations of planes and boing ball. AM22

Animations Some animations made with Aegis Animator. Includes a player program Author: Aegis Development FF53

AnimBalls A nifty little animation program that allows you to create a collection of balls in three-space and then interactively rotate them in real time using the mouse. Includes source. Author: Jim Guilford FF157

AnimPlayer An animation reader and displayer that is the result of a consortium of animation software developers, which includes the authors of Videoscape, Sculpt3D, Silver, Forms-In-Flight, and Animator:Apprentice. Includes source. Author: Martin Hash et al. FF96

ansi.txt explains escape sequences the CON: device responds to. AM15

AnsiEcho Some commands written in assembler. Includes an echo command, touch, list, cls (clear screen), and ask (wait for user input). Author: Dewi Williams FF39

ANSIEd Demo version of an ANSI screen file editor. It allows you to easily create and modify a screen of ANSI-style text/graphics on the Amiga. The standard ANSI color set (red, green, yellow, blue, magenta, cyan, white) and text styles (plain, boldface, underlined, italic) are provided, along with some simple editing and drawing functions. This demo version has the save features disabled. V1.2.0aD, binary only. Author: Gregory Epley FF221

AntiCBS An animation cooked up by Leo in protest of CBS's coverage of the Hacker's Conference in Oct 88. After reading the transcript I was angered enough to feel this needed widespread distribution, even though it is quite old. by: Leo 'Bols Ewhac' Schwab FF217

Aquarium A program for searching through a special database containing information about the contents of the library, in order to find programs that match a specified list of conditions. Includes a database of disks 1-300, and a program to add the contents of future disks to the database. Binary only. Author: B Lennart Olsson FF301

ar Text file archive program, C program in C source code and executable. AM2

Arc The ubiquitous compressing archiver program that has become the defacto standard for distributing binaries and multi-file postings on most BBS's. This is Amiga version 0.23, a port of arc version v5.0, binary only. Author suggests $35-$50 donation. Author: System Enhancement Associates Amiga version by Raymond Brand FF70, FF40, AM8, AM17

Archx Yet more programs for bundling up text files and mailing or posting them as a single file unit. Author: Martin Minow FF26

ArcPrep ArcPrep prepares files and/or directories for archival with arc or any other program that can't scan through different directories and/or handle long filenames. V2.1, includes source. Author: Garry Glendown FF214

arcre for making "arc" files E.C. AM17

ARCre Creates rename scripts so that files with long names can be easily archived and de archived correctly by 'arc'. Author: John Hoffman FF53

AreaCode Program which decodes area codes into state and locality. Version 1.5. Author: Bill Beogelein FF40

Arexx Part II: Information on how to set up your own ARexx programs with examples. Author: Steve Gilmor. AC7

Argoterm Terminal program with speech and Xmodem, Assembler program. source code and executable program. AM3

ArgoTerm Yet another terminal emulator program. However, this one is written in macro assembler, so should be of interest to anyone doing serious assembly language development. Version 0.20 Author: Jez San FF12

Args: Passing arguments to an AmigaBASIC program from the CLI. Author: Brian Zupke AC2

Arp ARP stands for 'AmigaDOS Replacement Project'. Arp is an effort led by Charlie Heath of Microsmiths Inc., to replace the current DOS in a compatible fashion, so that current programs will continue to work. Arp also makes whatever improvements are possible, so that current and future pro, FF53grams will work better. Author: Various authors contributed work FF123

ARPTools A group of small utility programs requiring ARP, that have been created to address some deficiencies of the ARP CLI environment, especially to exploit the potential offered by non-named pipes in the ARP shell. Version 1.0, includes source. Author: Fabio Rossetti FF284

Arrange A text formatting program, Executable program. AM3

arrow3d Shows a rotating 3 dimensional wire frame arrow. No source available, executable only (downloaded from a Denver BBS). Author: Steve Beats of C-A FF12

ArticFox.pic A IFF screen from ArticFox. AM6

ARTMARTM (Amiga Real Time Monitor) displays and controls system activity such as tasks, windows, libraries, devices, resources, ports, residents, interrupts, and vectors. Version 0.9, binary only. Author: Dietmar Jansen and F. J. Mertens FF277

As6502 Contains a portable 6502 assembler, including source in C. Author: J. Van Ornum; Amiga port by Joel Swank FF92

ASDG-rrd Extremely useful shareware recoverable ram disk. This AmigaDOS device driver implements a completely DOS compatible disk device in memory that survives resets, guru's, and crashes. An absolute must for those with lots of ram. This is an update to the version released on disk 58. It now works with up to 8Mb of memory. It was rewritten in assembly and is now faster and much smaller. Binary only. Author: Perry Kivolowitz, ASDG Inc. FF241, FF58

ASendPacket Example program for sending multiple packets asynchronously to a DOS handler, for those interested in implementing programs with a synchronous AmigaDOS file I/O. Author: Phillip Lindsay FF35

Ash Prerelease version of a C-shell like shell program. Has history, command substitution, loops, etc. Author: Thorn Smith FF18

Ash A ksh-like shell for the Amiga. Some of its features include command substitution, shell functions with parameters, aliases, local variables, local functions, local aliases, powerful control structures and tests, emacs style line editing and history functions, I/O redirection, pipes, large variety of built-in commands, Unix style wildcards, Unix style filename conventions, filename completion, and coexistence with scripts from other shells. Very well documented. Version 1.0, binary only. Author: Steve Koren FF279

ASimplex An implementation of the Simplex algorithm for solving linear programs. It uses the standardized MPSX-format for input data files. This is version 1.5, an update to version 1.2 on disk 199. Changes include bug fixes, the ability to run from CLI, it's own window for I/O, and some new and improved commands. Includes source. Author: Stefan Forster FF250, FF199

Ask questions an 'execute' file, returns an error code to control. AM15

AskTask Allows you to examine various bits of the task structures of all tasks in the system, from the lists attached to ExecBase. Diskplays priority, state, flags, stack, signals, etc. You can also remove tasks, change the priority of a task, or send arbitrary signals to a task. Version 2/4/89, includes source. Author: J. Bickers FF230

Asm A shareware macroassembler, submitted by the author. Asm is a 68010 macro assembler that is compatible with the assembler described in the AmigaDOS manual. This is version 1.1, an update to the version on FF46, and includes bug fixes, additional standard Motorola mnemonics and a simple startup code module. Author: Douglas Leavitt FF50, FF46

Asm68k Full featured macro assembler, version 1.1.0, binary only. Well documented. Author: W. Wesley Howe FF81, FF69, FF66

AsmExamples A couple of assembly code examples. Executables are not extremely useful but the code might be of considerable benefit to beginning assembly language programmers. Author: Henrik Clausen FF155

AsmFilter (Actually in AmigaBASIC) turns the output of the Metacomco disassembler into a file that can be re-assembled. FF105

AsmProgs Some misc assembly tools, programs, etc. FF105

asmsupp.i Sample library example AM5

AsmToolBox An assembler 'toolbox' created to make interfacing between assembler programs and AmigaDOS easy. Includes source. Author: Warren Ring FF136

AsmTools Some CLI type tools, written in assembler (echo, load it, mounted, setlace, why). Includes source. Author: Bryce Nesbitt FF79

ASpice A version of the SPICE 2G.6 circuit analysis program which has been modified to run in the Amiga environment. The program arrays are adjusted to require one tenth the memory of the DEC VAX version. Although this does not usually put much of a constraint on circuit analysis, some users who are used to the full mainframe environment may have to be more aware of the memory demands of their analysis. Requires a minimum of 1 MB memory. This version neither supports nor requires the 68020 processor or 68881 coprocessor. This is Amiga version 5.1, an update to FF177. Binary only. Authors: Many, see Documentation. Amiga port by Dan Warns. FF278, FF177

AssemblyDemos An interesting group of assembly language demos for your visual and aural pleasure. Binary only. Author: Foster Hall FF154

AssemTools A collection of files of great interest to Amiga assembly language programmers. The collection includes 140 macro routines which make assembly language programming a lot easier. There is also a library of routines containing buffered C-like file handling functions (fopen, fclose, fgets, fputs, etc) and a file name requester. All routines are re-entrant. Includes source for example programs using the macros and library, and a 65c02 cross macro assembler. Author: Jukka Marin FF247

Assign Replacement for AmigaDOS assign command, written in C. Author: Charles McManis FF52

AssignDev Assigns multiple names to a given device. For example, allows the names 'df0:' and 'df3:' to refer to the same physical device. This is a modified version of the original released on FF79. Includes source. Author: Phillip Lindsay, mods by Olaf Seibert FF111, FF79

Assigned Same code showing how to find out whether or not a name has been assigned (via the DOS ASSIGN command) before using it, thus avoiding the DOS Insert-Disk requester. Includes source. Author: Dan Green FF66

Asteriods 'blast the asteriods' type game. Unique feature is that all the images and sounds are replaceable by the end user. So instead of ships and rocks, you can have an Amiga against a horde of IBM PC's if you wish. Author: Rico Mariani FF122

AsteroidField This is Michael's entry for the 1988 Badge Killer Demo Contest. It is a large animation of a spacecraft flying madly through an asteroid field (chased by unseen foes) that includes a couple of near misses. Author: Michael Powell FF208

At Your Request: Using the system-supplied requestors from AmigaBASIC. Author: John F. Weiderhirn AC3

ATerm V7.2 Term prog. includes Super Kermit. AM17, AM1

ATOF A small utility that allows you to use the fonts of another disk without using the CLI. Version 1.0, binary only. Author: Roger Fischlin FF245

ATPatch A program which reportedly will patch the Amiga Transformer for operation under Workbench 1.2 (I don't have one so I couldn't test it). Includes source. Author: Philip Staub FF61

Atree A disk utility which imitates similar utilities widely available on IBM compatibles (PC Tools, Xtree, QuickDos, etc). The intent is to allow the user a graphic representation of the entire directory

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structure on a disk device, including the files in each directory, and the capability of moving quickly through the tree to a directory to access its files. Version 1.7, binary only. Author: Don Schmidt FF289

AudioTools Demo programs from Rob Peck's article in the July/August issue of Amiga World on accessing the audio device This is version 2, an update to the release on FF84. Includes source. Author: Rob Peck FF94, FF84

AutoEnquirer An example of a screen contraption that is like a requester except that it's not quite as demanding, goes where you want to put it, and remembers where it was put. Includes source and Manx'ified version of Chris Gray's fractalish terrain generator as a demo. Author: Howard Hull FF89

AutoFacc Autofacc automatically shrinks the ASDG FACC window and moves it to the back. Also allows the number of buffers to be increased or decreased. Most useful from the Startup-Sequence file while booting. Binary only. Author: Andry Rachmat FF81

AutoGraf Collects and graphically displays information on auto mileage. Features such as miles per gallon, cost per mile, miles driven, highs, lows, averages, etc. Includes sample data file, a couple utility programs and source. Version 1.0 Author: Joel Swank FF166

AutoIconOpen Example code to fool WorkBench into thinking it is receiving mouse inputs that select and open icons. This is version 1.2, an update to the version on FF73. Includes source. Author: Tony Wills FF87, FF73

Automat Cellular automata simulation. AmigaBASIC Program. AM3

Automata Four cellular automata programs. AutomaTron is a one dimensional cellular automation, Crud is a automation based on a sum index rule, Demon is a cyclic space automation described in the Aug 89 Scientific American, and Life is one of the oldest and best known of all cellular automata. Includes source. Author: Gary Teachout FF249

AutoPoint Autopoint serves two functions: It automatically selects the window underneath the mouse pointer and it provides a very nice screen saver facility. Binary only. Author: Jude Katsch FF86

AutoRequester example. AM14

autorqstr.txt Warnings of deadlocks with auto requesters. C program. AM4

AuxHandler Example of a DOS handler that allows use of a CLI via the serial port. Includes source. Author: Steve Drew FF79

AvailMem A small free memory counter that continuously displays the amount of free chip and fast memory in bytes (as opposed to K). Version 1.03. Includes source. Author: Dave Schreiber FF285

Avi A work-alike version of the UNIX vi editor for the Amiga. Though not especially recommended for beginners, designed for those of you who may have the vi commands permanently hard-coded into your fingertips! Version 1.0, binary only. Author: Peter Nestor FF162

AvlTrees Library and test program that implement routines for creating and using balanced binary trees (AVL trees) held entirely in memory. Includes source. Author: Paul Vixie FF103

Az A nice little text editor that is fast, simple to use, and very Amiga'ized. V1.40, binary only.Author: Jean-Michel Forgeas FF228

AZComm Modified version of Comm 1.34 that contains Zmodem send, receive, and resume receive. Version 1.00, Binary only. Author: SS. Patel, based on Comm 1.34 by DJ James FF171

Back Two programs to assist users of Matt Dillon's Backup/Restore program in making error-free VERIFIED backups onto floppy disks. Also useful as a trackdisk device example. Includes source. Author: Stephen Vermeulen FF284

BackDrop Backdrop allows you to define a pattern which will then be displayed on the workbench screen in the normally empty area behind all the windows. Similar in concept to DropCloth, but this one does not require workbench to be loaded (and does not cohabit very well with workbench). Includes source. Author: Eddy Carroll FF216

BackGammon A graphical Backgammon game done as an undergraduate A.I. course project. Version 1.0, includes source. Author: Robert Pfister FF120

Backgammon Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

Backup Backup and Restore allow you to backup any directory tree with optional compression, and later extract all or part of the tree. The protection, date, and file comment are saved with each file. This is V2.04, an update to FF168. Binary only. Author: Matt Dillon FF258, FF168 & 169

Backup A simple backup program that writes normal AmigaDOS disks as the backup destination. To recover files, you just copy from the backup disk. Requires manual decisions about what subdirectories to backup to what disks to make everything fit. Includes source. Author: Alan Kent FF98

Ball Draws a ball, an AmigaBASIC Program. AM8

Balloon This animation with sound effects is Dave's entry to the 1989 BADGE Killer Demo Contest. Binary only. Author: Dave Schreiber FF272

balls Simulation of the 'kinetic thingy' with balls on strings where only the end balls move (quick, can YOU come up with a better description?). Anyway, cute. Author: Perry Kivolowitz FF1

BallyIII Amiga port of the former arcade game named Click. This version fixes some minor bugs and is faster than the previous versions. This is version III, an update to the version released on disk 221. Binary only, shareware. Author: Oliver Wagner FF232, FF221, FF205, FF181

BambooTiger BambooTiger in LoRes FF72

band One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

banjo Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Bankn A complete checkbook system offered by the author as shareware. Update to version on FF120. Version 1.5, binary only. Author: Hal Carter FF163, FF120, AM20

banner Prints horizontal banner (across screen). From Decus C distribution of several years ago. Author: Unknown FF4

BasicBoing An AmigaBASIC program which shows animation by page flipping. Precalculates all views of a rotating 3Dimensional cube and then cycles through them rapidly for animation Author: Arthur Blume FF43

BasicProgs Some more AmigaBASIC programs. LeastSquare solves least squares problems and graphs the results. Curves is a demo of one use for LeastSquare (find curves to fit a set of points). Freud is a Freudian analysis program. Includes source, needs AmigaBASIC from Extras. Author: George Trepal FF105

BASICSorts Examples of binary search and insertion sort in AmigaBASIC. AM22

BasicStrip An AmigaBASIC program that helps to convert programs written in other forms of Basic to AmigaBASIC. Author: George Trepal FF121

bass guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Batch Files: Executing batch files from AmigaBASIC. Author: Mark Aydellotte AC4

BattleForce A nicely done shareware game, submitted by the author, that simulates combat between two or more giant, robot-like machines. Binary only, version 3.01. Author: Ralph Reed FF205

BattleForce A nicely done shareware game, submitted by the author, that simulates combat between two or more giant, robot-like machines. This is version 3.61, an update to version 3.01 on disk 205. Binary only. Author: Ralph Reed FF273

Bawk Text processor inspired by the UNIX Bawk utility. This is an update to the copy released on FF 65. Bawk searches files for specific patterns and performs actions for every occurance of these patterns. The patterns can be regular expressions. The actions are expressed using a subset of the C language. Includes source in C. Author: Bob Brodt; Amiga port by Johan Widen FF92, FF65

BBChampion This is BootBlockChampionIII, a very nicely done program that allows you to load, save, and analyze any bootblock. V3.21, an update to FF244. New features include checks for five different LAMER viruses and some other enhancements. Binary only. Author: Roger Fischlin FF298, FF244,

Bbm Demo of B.E.S.T. Software's Business Management System. A full implementation with file sizes reduced for demo purposes. by Business Electronics Software & Technology Inc. FF43

BBS A BBS for the Amiga (BBS-Amiga Version 1.1). Author: Ewan Grantham Author's suggested shareware donation: $25 FF30

BbsList A list of Bulletin Board Systems which support the Amiga. The list was compiled from a list on Delphi, Compuserve, bathroom walls, etc. Author: Dick Sheffold FF43

BeachBirds Jerrold Tunnell's entry to the Badge Killer Demo Contest. Uses sprites and sound to portray a beach scene. Runs on a 512K machine. Binary only. Author: Jerrold Tunnell FF112

beep Source for a function that generates a beep sound, like CTRL-G on a VT100 terminal. Author: Samuel Dicker @ Commodore-Amiga FF14

bells Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Berserk This animation, unveiled at the September 87 meeting of the First Amiga Users Group, got Leo a standing ovation. It is a 'must see' for every Amiga user, and ranks up there with 'Juggler' as a premier demo for the Amiga. The difference between this distribution, and the one on disk 100, is that this one includes 'source'. I.E. it contains all the object descriptions necessary to recreate the animation. Thus you can, if you like, try modifying various objects to create slightly different animations, or use it as an example for creating your own animations. Seldom does a disk get devoted to a single program, however animation is one of the Amiga's greatest strengths, and I felt it was appropriate to have at least one animation that was available at the 'source code' level. Author: Leo Schwab FF132, FF100

Berserker A virus detection program that can detect various forms of the common bootblock and link type viruses. Rather than checking for a specific virus, it looks for conditions that indicate a possible virus infection, thus it can detect new strains of similar viruses. Version 3.0+, includes source in assembly. Author: Ralf Thanner FF280

Bertrand A graphics demo. AM8

Better String Gadgets: How to tap the power of string gadgets in C. Author: John Bushakra AC4

Bezier Simple programs to allow you to fool around with Bezier curves, using the mouse to move the points that define the curve and a prop gadget to change the granularity of the curve generation loop. Includes source. Author: Matt Dillon FF75

bgrep Another grep like utility, also using the Boyer-Moore algorithm. Author: Roy Mongiovi and Arnold Robbins FF4

BI A small brush to to C-code image converter, intended to be used from CLI. V1.0, binary only. By Terry Gintz FF184

Bigmap Program which demonstrates how to use the low-level graphics calls, ScrollVPort especially. Demonstrates scrolling around inside a very big bitmap. Author: Leo Schwab FF33

BigView Displays any IFF picture, independent of the physical display size, using hardware scroll. Default display size is 320 by 200 in lo-res; HIRES or LACE attributes added if user width/height exceeds low resolution boundaries. Includes source. Author: John Hodgson FF58

Bind A binding (glue) library builder. Takes a standard '.fd' (function definition) file and generates a binding library for the functions defined in the '.fd' file. Version 1.2, an update to the version released with midilib on disk 227. Binary only. Author: Bill Barton FF309

Bison A replacement for UNIX 'yacc' command. This is from the GNU (GNU is Not UNIX) effort. Contains updates to the version on FF136, submitted by two separate sources. Includes source. Author: Bob Corbett and Richard Stallman, updates by William Loftus and Scott Henry FF155, FF105, FF136, FF51, FF4

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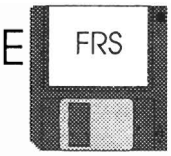

BlackBook Keeps track of those important phone numbers and addresses. Shareware, author suggests $30 donation. Author: Craig Nelson FF70

BlackBox The black box is an 8x8 grid in which several 'atoms' are hidden. Your job is to find the atoms. You have at your disposal a ray projector which you can use to send rays into the box from any of the 32 spots around the box. Binary only. Author: Tim Kemp FF178

BlackJack A line oriented (no graphics) blackjack game. Author: Unknown FF19

Blink A linker written as a replacement for Alink. Fully Alink compatible and supports many additional options not found in Alink. Also is much faster than Alink and produces smaller executable files. Version 6.5. Author: Combined efforts of the Software Distillery FF40, FF34, AM12

Blit This animation is Richard's entry to the 1989 BADGE Killer Demo Contest. An interesting feature of this animation is that it uses the Copper to show the lower right corner of the screen in Hi-Res, while leaving the rest of the screen in Lo-Res. Binary only. Author: Richard Addison FF276

BlitDemons This program implements the Demons cellular automaton as described in the August, 1989, issue of Scientific American. Using extremely simple rules it exhibits rather complex behaviour. Uses the blitter to perform over 350,000 cell-generations per second. Version 1.0, includes source. Author: Walter Strickler FF256

BlitLab Blitlab is a program which lets you experiment with the blitter, to your hearts content, in relative safety. It opens a workbench window with gadgets for all the registers of the blitter, and allows you to manipulate individual registers and perform blits on a magnified bitmap. V 1.4, an update to FF84. Includes source. Author: Tomas Rokicki FF191, FF84, FF69, AM20

Blitz Blitz is a small program that is designed to be loaded into memory and that sits in the background until activated by its hot key. It allows you to view a text file, much like a TYPE command, only that it lets you move forwards and backwards through the file. Its screen updates are blitz'n. Binary only. Author: Hayes Haugen FF60

BlitzFonts Blitzfonts makes text output up to 6 times faster, transparently to well behaved programs. It is also very small and written 100% in assembly for maximum speed. Binary only Author: Hayes Haugen FF60

Blk A requester making tool employing various recursive algorithms including a recursive parser. It takes input text files and converts them to C-source for including as requester declarations. Update to FF152, with many enhancements. Includes source. Author: Stuart Ferguson FF191, FF152

Blobs A simple graphics program, reminiscent of the UNIX 'worms' program, but in color of course. Author: Peter Engelbrite FF15

Blocks2 Amusing and colorful display of a moving trail of 'blocks'. Update to version on FF71, however this version also includes source. Author: Gary Walker FF156, FF71, AM1

bm A grep like utility using the Boyer-Moore algorithm. Author: Peter Bain FF4

BMAP Reader by Tim Jones. AM14

BMon System monitor AmigaBASIC program; perform simple manipulations of memory. AM24

BMP plays 8SVX sampled sounds in the background while something else is happening in the Amiga, as your Amiga is booting, for example. AM26

BNTools Three examples of assembly language code from Bryce Nesbitt: AM24

BobEd BOB and sprite editor written in C. In C source code, executable program and documentation. AM20

bobtest.c BOB programming example. C program. AM5, AM4

Boing! Boing! demo,with selectable speed. Executable program. AM9

BoingMachine A ray-traced animation of a perpetual motion Boing-making machine, includes the latest version of the Movie program, which has the ability to play sounds along with the animation. By Ken Offer. AM24

BoingThrows A 50 frame HAM animation done with Sculpt-3D, and minor touchups with DigiPaint. The animation took about 325 hours of runtime to generate. Author: Marvin Landis FF134

boink Sound demonstration icon-driven part of a set on AMICUS 10 AM10

BootBack A handy little utility to copy and save the boot block from a disk, then later restore it should the disk get stomped on by some ugly virus. Includes source. Author: David Joiner FF157

BootBlocks Detailed documentation on what a bootblock is and how it works, along with some sample bootblocks and a program to install a custom bootblock. Includes source for the sample bootblocks and the install program. Author: Jonathan Potter FF242

BootIntro This program creates a small intro on the bootblock of any disk, which will appear after you insert the disk for booting. This is the 'next generation' BootIntro, a more colorful version than the one on disk 244, but the text must be shorter. The first line can be up to 24 characters. The second and third lines can be up to 22 characters. The scrolling text can be up to 98 characters. This is 'next generation version 1.1'. Binary only. Author: Roger Fischlin FF245, FF244, FF188

Bounce This program is Steve and Tom's entry for the Badge Killer Demo Contest. It creates little dots that bounce around and multiply. Includes source. Author: Steve Hansel and Tom Hansel FF127

bounce One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Bouncer A 3D simulation of a bouncing ball written in Creative Solutions' Multi-Forth, with source included. Author: Jon Bryan FF67

Bowl This is Vern's entry for the 1988 Badge Killer Demo Contest. It is a Sculpt-Animate animation that shows three colored balls flying in circles above a mirrored bowl. Rendering the animation took about 2 weeks. Distributed in zoo format because of its size (zoo program included for easy unpacking). Author: Vern Staats FF209

box One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

BreakOut A 3D game. Requires 3D glasses. Author: Tim Kemp FF50

Bref A cross reference program for AmigaBASIC code. Generates a list of the BASIC code with lines sequentially numbered, plus a table showing all variables and labels used in the code, and the line numbers where they were used. Created from the CREF program on FF166, which was written by Mike Edmonds and Joel Swank. Version 1.01, includes source. Author: Dick Taylor FF283

Breshehan A Forth program which produces a Breshehan circle algorithm example. AM11

BrickOut Classic computer brick wall game, ABasiC program. AM1

brickout One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Brik A general purpose program that calculates both text and binary cyclic redundancy codes (CRCs). Text mode CRCs calculated by brik are portable across systems for files that are in the usual text format on each system. Binary mode CRCs are portable for files that are moved from system to system without any change. Brik can be used to verify and update an embedded checksum header in files. It runs under MS-DOS, UNIX system V, BSD UNIX, VAX/VMS, and AmigaDOS. This is version 2.0 and includes source. Author: Rahul Dhesi FF233

Brownian A demo based on both fractal theory and brownian motion. Includes source. Author: John M. Olsen FF206

Browse View text files on a disk, using menus in source code and executable, a C program. AM8

Browser A workbench tool, using text-only windows, that makes all files in the system accessible for executing, copying, moving, renaming, deleting, etc. Billed as a 'programmers workbench'. Version 1.2, binary only Author: Peter daSilva FF134

Browser A program that lets you wander around a file tree and peek into files, all with the mouse. Author: Mike (I'll be mellow when I'm dead) Meyer FF18

Browser A programmer's 'Workbench'. Allows you to easily and conveniently move, copy, rename, and delete files & directories from a CLI environment. Also provides a method to execute either Workbench or CLI programs. V1.6, update to FF134, binary only. By Peter da Silva FF180

Browser Updated version of the browser program released on FF18. This one has been 'manxified', has scroll bars, and several bugs fixed. Author: Mike Meyer, enhancements and fixes by Bob Leivian FF34

Browser Another version of the browser program released on disks number 18 and number 34. Includes some bug fixes and enhancements. Includes source. Author: Mike Meyer, enhancements by Mark Schretlen FF59

Browser2 This browser type program is apparently not based on the original Mike Meyer version. Binary only. Author: Dan Green FF59

Bru Alpha 1 version of a hard disk and/or file archiver written for UNIX. This is a vanilla port, with very little Amiga smarts, but it is usable. This is also the last freely redistributable version. Author: Fred Fish FF48

Brunjes Various tools submitted together by the author. StringPkg is string package for both Forth style and NUL terminated strings. Date&Time are handy tools for getting and printing formatted date and time. Utils are utilities used by the other files. CursorControl is an example of moving the text cursor. SpaceOrEscape is a handy word for pausing or stopping program output. Includes source code. Author: Roy Brunjes FF239

Brush2C Brush2C converts an IFF brush to C data instructions, initialization code. Executable program. AM9

Brush2Icon Brush2Icon converts an IFF brush to an icon. Executable program. AM9

Brushes Contains 53 custom brushes for use in DPaint while drawing schematics. Includes things like resistors, capacitors, gates, transistors, IC pacs, etc. Author: Jim Lee FF81

BrushIcon Converts brushes to icons (bizarr docs). AM25

brushtoBOB Converts small IFF brushes to AmigaBASIC BOB OBJECTS, an AmigaBASIC program. AM11

bsearch.asm Binary search code. Assembler program. AM2

BSplines Simple program to fool around with B-SPLINES, ala the Bezier programs described above. Includes source. Author: Matt Dillon FF75

Bspread: A powerful spread sheet program written in AmigaBASIC. Author Brian Cately AC1

BTE Bard's Tale character editor. Executable program and documentaion. AM19

Btree Routines to implement a B-tree algorithm and several accompanying tests, apparently derived from the single file version also included on this disk under 'Btree2'. Still buggy, but looks useful with a little work. Author: Richard Hellier, posted to usenet by Steve Jefferson FF34

Btree2 Previous (original) version of btree routines. Author: Richard Hellier FF34

Bugs Text of known bug list in Lattice C 3.02. AM1

Bully Mike Meyer's entry for the Badge Killer Demo Contest. Pushes all open screens around (thus the name 'bully'). Designed for showing off more than one demo at a time Includes source. Author: Mike Meyer FF112

C Itoh Prowriter Printer driver for the C Itoh Prowriter. AM9

C Notes V4.9: Look at a simple utility program in C. Author: Steven Kemp AC5

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C Notes:A A small program to search a file for a specific string in C. Author: Steven Kemp AC4

C Notes:B The beginning of a utility program in C. Author: Steven Kemp AC4

C Notes:C Recursive functions in C. Author: Stephen Kemp. AC7

C Notes:D A look at two data compressing techniques in C. Author: Stephen Kemp. AC7

C Squared Graphics program from Scientific American, Sept 86. In C source code and executable. Documentation included. AM14

C-Functions A group of four little C-functions to add to your library to make your programming life a little easier. Includes source and a small demo program showing some of the results. Author: Lars Thuring FF164

C-kermit Port of the popular 'kermit' program, a flexible virtual terminal and file transfer program from Columbia University. Author: Unknown, ported to Amiga by Davide Cervone FF26

C-Light A demonstration copy of a commercial ray tracing program, which is identical to the commercial version except that it has been limited to ten objects per scene. Binary only. Author: Ronald Peterson FF146

C64Emul An April Fools spoof that turns your Amiga into a C64, or at least makes it look that way. Includes source. Author: Eddy Carroll FF216

CacheCard An accessory to SetCPU for use with A2620 cards or 68030 systems. It modifies the MMU table set up by SetCPU to selectively control caching for each expansion card. It's also an example of how an accessory program can track down and modify the SetCPU MMU table without having to read all kinds of MMU registers and figure it out for yourself. Version 1.00, includes source. Author: Dave Haynie FF233

CAD An object-oriented drawing program, version 1.2.4. Uses a small set of graphics primitives (like 'line', 'box', and 'text') and a small set of editing functions (like 'move', 'size', and 'rotate'). While drawing and editing, the user can call on other functions to modify the display; to zoom in, slide around, superimpose a grid, etc. Shareware, binary only. Author: Tim Mooney FF74, FF59

CAI: A complete Computer Aided Instruction program with editor written in AmigaBASIC. Author: Paul Castonguay AC1

Calc A programmable calculator program with similarities to a hand-held RPN calculator. Can run either interactively or in 'script' mode by reading programs from a file. Version 1.0, shareware, binary only. Author: Bob Brooks FF103

Calc A very nicely done scientific/programmer/plotter calculator. The scientific portion has most of the operations found on the more popular handhelds. The programmer portion has all the special hex/binary/decimal conversions as well as register operations like ASL, ROL, LSL, AND, OR, XOR, etc. The plotter portion will plot equations. Other features include 26 memories, full mouse or keyboard operation, pull-down menus, and iconization. V 3.0, binary only. by: Jimmy Yang FF210

CalcKey A basic four function, memory resident, pop-up calculator which uses only about 24K of memory and can automatically type the answer to any calculation into the program you were using when it was popped up. Version 1.0, binary only, shareware. Author: Craig Fisher FF235

Calculation Demo version of a solitaire type card game. The object of the game is to stack the cards into four ordered stacks, one that counts by one, another that counts by two, another that counts by three and another that counts by four. Version 1.0.2, binary only. Author: Steve Francis FF260

Calendar A program that generates calendars in any one of 10 standard formats for any year after 1900. Binary only. Author: Pierre A du Parte FF269

Calendar Calendar/diary program written in AmigaBASIC. Author: Mark Hurst FF32

Calendar Appointment calendar which lets you visually add and update appointments. Can also run in background and remind you 15 minutes before any scheduled event. Amiga port by Bob Leivian FF34

Calendar.WKS Lotus-compatible worksheet that makes calendars. AM18

Call Assembly language from BASIC: Add speed to your programs with Assembly. Author: Martin F. Combs. AC8

calliope Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Calls A little utility to help analyze the flow of a C-program by laying out the functions called in a hierarchical manner. Author: Originally from Usenet with major revisions by Kevin Braunsdorf, Amiga port by George MacDonald FF160

Canon PJ-1080A Printer driver for the Canon PJ-1080A. AM9

canvas One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Car This animation is one of Allen's entries to the Badge Killer Demo Contest. It apparently is an inside joke relating to a well known Amigan's experience with a certain highend graphics hardware manufacturer. Author: Allen Hastings FF123

car horn Sound demonstration icon-driven part of a set on AMICUS 10 AM10

cardco Text file of fixes to early Cardco memory boards. AM12

cardfi One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

CardFile Simple card file database program. ABasiC program. AM1

CardFile Study aid card file program written in AmigaBASIC. Useful for organizing small blocks of data, such as can be done with a 3X5 card file system. Binary only. Author: James Parks FF90

CardMaker A programmer's aid for creating card image data that can be used in any card game that uses the standard 52 card deck. V1.0, binary only. By Terry Gintz FF184

Cards'O'Rama A simple game that let's you push your memory. It is played with a deck of 32 cards, grouped in 16 pairs. The cards are shuffled and then displayed at the beginning of each game. Your goal is to pick up as many pairs as you can, until there are no cards left on the screen. V1.0, includes source. By Werther Pirani FF186

Cartoon HiRES Color fantasy humor FF72

caseconvert Modula-2 program which converts Modula-2 keywords to uppercase. AM11

Casino Games of poker, blackjack, dice, and craps. ABasiC program. AM3

Castle A simple graphics adventure game suitable for beginners. Binary only, but source available with a small donation to the author. Author: H. James Fox FF174

Cathy A HAM picture of a pretty girl FF72

CBBS The W0RLI BBS system for use in amateur radio. Originally written for IBM-PC compatibles, it was ported to the Amiga by Pete Hardie. This is version 6.1c with source code. Author: Hank Oredson, the CBBS group, Pete Hardie FF241

cc Aid to compiling with Lattice C. AM1

cc nix-like front end for Lattice C compiler. Author: Fred Fish FF2

Cc C compiler front ends for Manx and Lattice C, developed independently by Jay T's. These automatically filter off the annoying banner messages from various passes of the compilers Author: Jay T's FF43

CCLib An implementation of the standard C library, that is done as an Amiga shared library, containing over 140 functions. Version 1.3, binary only. Author: Robert Albrecht FF260

CCutils Eight small CLI utilities that use the cclib.library shared library. Includes a program to display disk usage on your menu bar, a program to check the integrity of IFF files, a program to remove shared libraries from memory if they are not being used, and more. Binary only. Author: Robert Albrecht FF286

CDecl English to C (and vice versa) translator for C declarations. This little gem will translate english such as 'declare foo as pointer to function returning pointer to array 10 of pointer to long' into 'long *(*(*foo)())[10]', and vice versa. An absolute must for anyone except possibly the most hardcore C guru. Includes source. Author: Graham Ross FF114

CDecl English to C (and vice versa) translator for C declarations. This little gem will translate english such as 'declare foo as pointer to function returning pointer to array 10 of pointer to long' into 'long *(*(*foo)())[10]', and vice versa. Update from version on FF114. Includes source. Author: Graham Ross with enhancements by David Wolverton, Tony Hansen, Merlyn LeRoy, Udi Finkelstein and probably others! FF167

Cell Animation: Using cell animation in Modula-2. Author: Nicholas Cirasella AC5

CelScripts Makes cel animation scripts for Aegis Animator, in AmigaBASIC. AM21

cforth A highly portable forth implementation. Lots of goodies. Author: Allan Pratt FF3

Charon Charon is Bradley's entry for the First Annual Badge Killer Demo Contest. The text of the demo was written by Lord Dunsany (long before the Amiga). Bradley created the illustrations and animation. The sound track is a traditional Scottish tune 'The Arran Boat'. by: Lord Dunsany (1915), Bradley Schenck (1988) FF198

Check A useful little utility for finding structural errors in C-source code. Many command-line options. Version 1.03, binary only. Author: Keith Elbertson FF160

Check4Mem Allows you to check for a specified amount of memory, with certain attributes, from a batch file. If the requirements are not met, a WARN returncode is generated. Version 2, includes source. Author: Jonathan Potter FF242

CheckIFF Program to check the structure of IFF files and report any problems. Binary only. Author: Unknown FF81

CheckModem A program which provides for executing other programs from your startup file, if and only if there is actually a modem connected to the serial port. Author: Matt Dillon FF46

Cheetah a picture of a cheetah. AM15

Chess A port of a chess game posted to Usenet. This is an update to the version first included on disk 96. It has been upgraded to use an Amiga Intuition interface. Version 2.0, binary only. Author: John Stanback; ported to Amiga by Bob Leivian Version 2.0 upgrades by Alfred Kaufmann FF205, FF96

ChessTutor Chess tutor is a program designed to introduce novice chess players to the basics of the game. Shareware, written in AmigaBASIC. Author: William Jordan FF269

Child Toddler digitized forever in Amiga history, an IFF picture. AM7

Chop Truncate (chop) files down to size, C program in C source code and executable. AM3

Chop A program which uses a hotkey to chop a displayed screen down to a temporary maximum of 4 planes in lo-res or 2 planes in hi-res, allowing the processor full speed access to chip memory. Only the displayed screen is affected, the program painting the screen continues to work with the full color palette. Unchoping the screen puts everything back to normal. Version 1.0, binary only. Author: Nico Francois FF302

Chord Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

CIATimer Two versions of ciatimer routines to provide precise timing for applications requiring a high-accuracy real-time clock. Includes source and a sample executable. Author: Karl Lehenbauer, based on the original version by Paul Higginbottom FF178

cinclude Text file cross-reference to C include files. AM12

circle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Circles A circles pattern generator, reminiscent of one of the early Amiga demos. Version 1.1, includes source in C. Author: Joel Swank FF304

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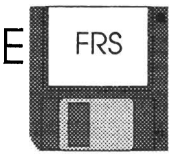

ClrPlane A circular plane generator for VideoScape 3D. Generates a clockwise circular polygon with the specified number of vertices. Used, for example, to cap a cylinder or to generate surface detail. Version 1.0, includes source. Author: Thad Floryan FF101

claves Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Claz Converts IFF picture files to POSTSCRIPT. Works with Amiga HAM pictures, as well as 'normal' pictures. Also includes scaling. Version 2.0, includes source. Author: Steve Ludtke FF87

Claz2 Update of prog to convert IFF images to PostScript files for printing on laser printers. AM26

clean Executable program, spins the disk for disk cleaners. Documentation included. AM12

Clean A small program written in assembly code, to be used in conjunction with a cleaning disk, to clean your floppy drive heads. Version 1.0, includes source. Author: Dan Burris FF297

Cleanup Removes strange characters from text files. C program. AM3

Clear Fills unused areas of memory with a specific byte pattern. FF105

Cled A simple command line editor which allows you to edit your commands before and after they are processed. Uses the arrow keys and simple control sequence keystrokes for cursor positioning and editing tasks. Update to version on FF74, this is version 1.4, binary only. Author: Pat Empleo FF81, FF74

CLI-Colors A simple little program to change the colors of the border around a CLI window. Includes source in assembly code. Author: Michael Sinz FF248

CLICard Text file of a reference card for AmigaDOS CLI. AM1

ClickDOS A 'directory utility' type program which is reasonably small, uses a single window on the Workbench screen (which can also be iconified), does not rely on other programs for most of its functions, and is very memory efficient. This is version 1.10, binary only. Author: Gary Scott Yates FF276

ClickToFront extends the user-interface so that a double-click into a window brings it to the front. Now as long as you can see any part of a window you can bring it to the front without having to hunt for the page gadgets. Version 1.1, includes source. Author: Bryce Nesbitt FF86

ClickUpFront ClickUpFront is another program, similar in function to the ClickToFront program from disk 86, that allows you to bring any window to the front simply by double-clicking in any part of it. Version 1.0, includes source. Author: Davide Cervone FF94

CLIClock sClock, wClock are window border clocks. Source code, executable program, and documentation. AM14

CLICommands Text guide to using the CLI. AM1

CLIcon Allows you to run cli programs from the workbench, similar in operation to IconExec, but more versatile. Author: Bryan Ford FF167

CLImax For all those people who wish that their CLI windows had 25 lines of 80 characters just like an old fashioned non-windowing computer, the answer is here. CLImax creates a borderless backdrop CLI window on a custom screen. Also thrown in is MoveSys, which reassigns SYS:, C:, S:, L:, DEVS:, LIBS:, and FONTS: to a new volume with one simple 'pure' command. Includes source. Author: Paul Kienitz FF224

ClipBoard Clipboard device interface routines to provide a standard interface, such as Open, Close, Post, Read, Write, etc. Author: Andy Finkel FF56

CLIPrint An example of printing to the CLI from assembly code. Includes source (of course). by: Jeff Glatt FF237

clist.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

CLI_Utilities This directory contains several subdirectories with small utilities, collected from various sources, that are only usable from the CLI. See the Readme file for further information. Some include source. Author: Various FF162

Cload An AmigaBASIC Program to convert Compuserve hex files to binary. Source code and documentation included. AM8

Clock Updated version of the clock program released on FF15. Adds seconds display, free memory display, and faster updates Author: Mike Meyer FF36, FF15

Clock Another clock program, comes in several flavors depending upon features desired, which include using alternate fonts, using alternate colors, setting the time, etc. Binary only. Author: Mark Waggoner FF59

Clock V1.00 Simple clock, configurable with config. FF168 & 169

ClockDJ A utility which combines a clock, mouse accelerator, screen blanker, window manipulator, function keys, and macros into a single program, written in assembly language for maximum efficiency. Includes an ARexx port. Version 4.07, binary only. Author: David Jenkins FF293

CloseMe Another ingenious perversion in the screen hack category. Don't miss this one...surely destined to become a classic! Includes source. Author: Charlie Gibbs FF167

CloseWB Simple program for use with MWB (also on this disk) to close a current WorkBench screen, and let you open WorkBench on a custom screen. Author: Matt Dillon FF65

Cloud A program that generates and displays fractal surfaces that look remarkably like clouds. Based on ideas from the book 'Fractals' by Jens Feder. Binary only. Author: Mike Hall FF216

cls A screen clear program. Executable and source code. AM11

cls A screen clear and CLI arguments example in Assembly. AM11

CLS Clear Screen Command made for the purposes of being SMALL, and thus not wasteful of memory when made memory resident, it consists of 96 bytes of memory on disk! Includes source in assembly. Author: Bill Nelson FF237

Clue Clue board game. Nice. Author: Greg Pryor FF45, AM8

CM A celestial mechanics simulator with an Intuition interface. You construct a layout of celestial bodies and specify various parameters for the bodies and the simulation. CM then animates the bodies according to the laws of gravitational attraction. Setups may be saved to disk to later reinact interesting scenarios. Version 1.0, includes source. Author: W. John Guineau FF280

Cmd Cmd redirects the serial.device or parallel.device output to a file. Useful for capturing print jobs for debugging or 'offline' printing. Version 4, includes source. Author: Carolyn Scheppner FF95, FF86, FF79

CMP V1.00 Utility to compare two files FF168 & 169

cnvapldhm Executable program that converts Apple][low, medium and high res pictures to IFF. Documenation included. AM12

CodeDemo Modula-2 program converts assembler object files to inline CODE statements. Comes with a screen scrolling example AM24

ColorArt Art drawing program in AmigaBASIC. AM8

colorcircles One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

colorful Shows off use of hold-and-modify mode. Posted to usenet by Robert Pariseau. FF1

ColorReq A color palette library callable from any program. Used to adjust the colors of any screen. Automatically adjusts to screen size, number of colors. Has many features including SPREAD, COPY, UNDO, RGB, HSV, as well as customizable gadgets. Binary only. Author: Jeff Glatt and Jim Fiore FF257

Colour A program to manipulate the colors of specific named screens, saving their current color sets to data files, loading new color sets from data files, or interactively changing the colors. Includes source. Author: John Russell FF126

Colourscope: A shareware program that shows different graphic designs. Author: Russell Wallace AC5

ColumnSet A text filter program that takes as input a file with one word per line and produces a file with these words laid out in the same order in even columns, as many as will fit across the output screen or page with at least one space between columns. Includes source in Modula-2. Author: Kent Paul Dolan FF270

Comal Demo of AmigaCOMAL (missing only SAVE), an incremental p-code compiler from Denmark. COMAL is a language with the design goal of combining the modern structured approach of Pascal with the ease of use and interactivity of BASIC. There are versions of COMAL for IBM, VAX, CP/M, C-64, Amiga and various European operating systems. Includes a complete turtle graphics package. Is perfect for education yet powerful enough for applications programming. Version 2.0, binary only. Author: Svend Daugaard Pedersen Freddy Dan Dalgas Kristiansen FF296

COMAL.h Make C look like COMAL header file. In C source code, and documentation. AM19

Comm Source release for comm version 1.34. Last release on FF71 was binary only. FF75, FF71, FF67, FF48, AM17

Commands Shorter guide, in text, to AmigaDOS CLI commands. AM1

Commodities Commodities Exchange, an Amiga exec library which can be opened and used by application programs to gain access to input in a very flexible way. This is a 'minimal, binary only' copy. Source may be available on a future disk. Version 0.4. Author: Jim Mackraz FF87

Commodore IFF This is a copy of the official November 1988 Commodore IFF disk. All the files in the 'documents' directory are in zoo file 'documents.zoo' FF185

Compactor, Decoder Steve Michel AmigaBASIC tools. In C source code and documentation. AM20

Compiler An optimizing C compiler for the 68000. Has successfully compiled itself on a 68000 based UNIX system V machine, but has yet to be fully ported to the Amiga. It will currently produce assembly output for simple C routines on the Amiga, but needs lots of work to be really useful as anything other than a learning tool for budding compiler guru's Author: Matthew Brandt FF53

Compress This is an update to the compress version released on FF6. It is tested and seems to work well except for a couple glitches noticed at the last minute (see the README file). Compress reduces the size of the named files using adaptive Lempel-Ziv coding. The amount of compression obtained depends on the size of the input, the number of bits per code, and the distribution of common substrings. Typically, text such as source code or English is reduced by 50-60%. Compression is generally much better than that achieved by Huffman coding(as used in 'pack') or adaptive Huffman coding (as used in 'compact'), and takes less time to compute. Author: Thomas Spencer, with improvements by others FF51, FF6

ComputerBlocks An IFF image of multicolored computer composed shapes as blocks. AM7

CONFIG V1.00 Used to configure friendly programs like DME for the initial window placement (configures the executable) FF168 & 169

Conman Extremely useful replacement for the standard console handler, provides line editing and command line histories. Completely transparent to any application program that uses CON: windows. This program is shareware, and well worth a donation to the author. Version 1.3, binary only, update to version on FF 133. Author: William Hawes FF165, FF133, FF100, FF90, FF81, FF69

ConPackets Demos the use of DOS packets, finding the Window pointer and ConUnit pointer of the CLI window, toggling Raw mode, getting cursor position and limits from the ConUnit, and ESC-sequence cursor positioning. Author: Carolyn Scheppner FF56

Conquest You control an interstellar empire, decide which star systems to explore, which planets to colonize, etc. The computer will also be building its own empire and competing with you for resources. The one with the greatest population at the end wins. First distributed in executable form only on FF10. This distribution includes source. Author: Unknown, reported to Amiga by Rob Shimbo Second release of a csh-like alternative to the CLI, first released on FF14. Has alias, built in functions like 'dir' for speed, history, named variables, command re-execution with substitution, etc. Author: Matt Dillon FF24, FF10

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cons Console device demo program with supporting macro routines. Author: Rob Peck FF5

Console Console is a try at a new set of routines to get around some of the problems with the standard system routines, and includes some simple graphics routines. Includes source. Author: Jim Cooper FF69

console.bmap one of the necessary links between AmigaBASIC and the system libraries.diskfont.bmap AM8

consoleIO.c Console I/O example. C program. AM4

consoleIO.txt Copy of the RKM console I/O chapter. C program. AM4

ConsoleWindow Example program for finding the intuition pointer to an AmigaDOS CON: or RAW: window, so you can do WindowToFront, graphics, and other interesting things. (Requires AmigaDOS 1.2) Author: Andy Finkel and Robert Burns FF35

Control Program which provides finer control over the printer device. When it sees a DUMPRPORT, it fires up a requestor and lets you play with the values being passed in the IO Request block. Includes source. Author: Andy Finkel FF74

Conundrum: An AmigaBASIC program that is a puzzle-like game, similar to the game Simon. Author: Dave Senger. AC8

ConvertDoodle Converts Commodore 64 Doodle files into Amiga format. AM11

ConvertKoala Converts Commodore 64 Koala files into Amiga format. AM11

ConvertPrintShop Converts Commodore 64 PrintShop files into Amiga format. AM11

Cookie Fortune cookie program. Includes source. Author: Richard Stevens FF65

CopDis A copper list disassembler that can be run from the CLI or linked with and run directly from an application program. This is version 0.0a and includes source. Author: Karl Lehenbauer FF261

Copper A copper list disassembler. Dumps the contents of a hardware copper instruction list. Author: Scott Evernden Inst FF43

Copy A replacement for the AmigaDOS copy program that is upwardly compatible, plus includes some new features like date preservation. Version 1.0, includes source. Author: Jeff Lydiatt FF75, FF13

Cos A 'Wheel Of Fortune' style game in AmigaBASIC. Author: Steve Michel FF51

Cosmic An interstellar multiplayer game of War and Peace. From the looks of the documentation file, it appears fairly extensive! Version 1.01, includes source. Author: Carl Edman FF178

Cosmo An 'asteriods' clone. Suggested $6 donation. Author: John Harris FF40

Cosmoroids A version of 'asteroids' for the Amiga. AM15

Coyote Gene's entry to the 1988 Badge Killer Demo contest. A very cute (and large) animation. Requires about 1900 blocks of disk space, so it is distributed in 'arc format'. Author: Gene Brawn FF207

cp A UNIX-like copy command. Executable program. AM11

CPM Another CP/M emulator independently authored from the version that appeared on FF 157. Emulates a CPM computer with a Z80 processor connected to an ADM3A terminal. Assembly source included. Author: Ulf Nordquist FF165

CPM A program to compute mandelbrots via the Continous Potential Method, as described in the book The Science of Fractal Images by H. O. Pietgen and D. Saupe. It is used to make 3-dimensional pictures of the mandelbrot set. This is a batch mode type program so several images can be generated, one after the other, without any human interaction. Includes source. Author: Lars Clausen FF303

Cpp This is a copy of the Decus cpp, ported to the Amiga. This cpp is more powerful and complete than either of the built in cpp's in Manx or Lattice C. Also included is a modified version of the UNIX like cc frontend, for Manx C, that knows about the cpp. Author: cpp by Martin Minow; cc by Fred Fish FF28

cpri cpri shows and adjusts priority of CLI processes in C source code and executable. AM11

CPUStandoff This cute 'computer wars' animation is Bob's entry to the 1989 BADGE Killer Demo Contest. Lots of visual jokes in this one. Binary only. Author: Bob Janousek FF271

CR2LF Converts carriage returns to line feeds in Amiga files, C program. AM3

CrazyEight Card game based on the children's traditional favorite. AM3

Crc Two programs that are very useful for generating 16-bit CRC listings of the contents of disks, and verifying that a given disk's files still compute to the same CRC's as listed. Version 1.0, binary only. Author: Don Kindred FF133

CrcLists Complete CRC check files for disks 001-292 using the brik program. These were made directly from my master disks. I have switched to brik, from the crc program used to make the lists on disks 133, 146, and 173, because it has more features and because source is available. Update to FF233. Author: Fred Fish FF293, FF233, FF173, FF146, FF133

creaport.c Create and delete ports. C program. AM4

creastdi.c Create standard I/O requests. C program. AM4

creatask.c Creating task examples. C program. AM4

Cref A C cross referencer program. Prints out your code with line-numbers and complete key-word cross-referencing. Update from version on FF 103 which had a serious bug. Includes source. Author: Mike Edmonds; Amiga port by Joel Swank FF166, FF103

Cribbage Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

crlf adds or removes carriage returns from files. In C source code and executable. Documentation included. AM14

CrossDOS A 'tryware' version of a mountable MS-DOS file system for the Amiga. This is a software product that allows you to read and write MS-DOS/PC-DOS and Atari ST formatted disks (Version 2.0 or higher) directly from AmigaDOS. This tryware version is a 'readonly' version, which does not allow any writes to the disk. A fully functional version is available for a very reasonable price from CONSULTRON. This is version 3.05b. Binary only. Author: CONSULTRON, Leonard Poma FF252, FF240

Crunch Removes comments and white space from C files, in source code and as an executable, a C program. AM8

Csh Version 4.00a of a csh like shell derived from Matt Dillon's shell, version 2.07. This is an update to version 3.03a on disk 223. Changes include ARP pattern matching, improved search command, some new commands like 'basename', some new options, bug fixes, and an ARexx port. Includes source. Author: Matt Dillon, Steve Drew, Carlo Borreo, Cesare Dieni FF309, FF223, FF199, FF145, FF107, FF85, FF55, FF48, FF41, FF36

CSquared Implementation of Circle Squared algorithm from Sept '86 Scientific American 'Computer Recreations' column. Produces wildly colorful but mathematically precise patterns. Author: Bill DuPree FF38

Ct An Amiga program to display images from a CT scanner, along with several new interesting sample images of scans of real people. The display software, though it has a primitive user interface, is quite powerful, including functions like convolutions, averaging, laplacians, unsharp masking, edge detection, gradients, etc. This is version 2.2, an update to the version on disk 137. Binary only. Additional image disks available from author. Author: Jonathan Harman FF235, FF137

CTags Create a tags file from the specified C, Pascal, Fortran, YACC, lex, or lisp sources. A tags file can be used by a cooperating editor to quickly locate specified objects in a program's source code. Berkeley V4.7, includes source. Author: Ken Arnold, Jim Kleckner, and Bill Joy Ported to Amiga by G. R. (Fred) Walter FF197

CType Another text file reader, but this one is small, reasonably fast, and includes bi-directional scrolling, search, go to a given percentage, and printing capabilities. Version 1.0, includes source in assembly. Author: Bill Nelson. FF237

cubes1 One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Cucug This animation of the Champaign-Urbana Commodore Users Group logo was submitted to the 1988 Badge Killer Demo Contest by Ed Serbe. FF213

CustReq A glorified ASK command for your startup-sequence. It generates a requester with the specified title, text, positive and negative gadgets (either of which can be the default), and an optional timeout value. Version 2, includes source. Author: Jonathan Potter FF242

CutAndPaste Public domain implementations of the UNIX cut and paste commands. Includes source Author: John Weald FF97

cutpaste One of the many basic programs from FF13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

CWDemo Demo version of a pop-up utility to control the color register assignments of Intuition custom screens. V3.2, an update to FF238. Binary only. Author: Kimbersoft FF283, FF238

Cycles A simple but enjoyable game apparently inspired by the cycle game in the movie 'Tron'. Version 1.0, binary only. Author: John G. Gilmore FF78, AM22

CyclicSpace A Griffeathian cyclic space generator program. Implements a cellular automaton as described in the August 89 issue of Scientific American. V 1.42, includes source in assembly code. Author: A. J. Brouwer FF255

Cycloids An updated version of the hypocycloids (electronic spirograph) program first released on FF27. Author: Terry Gintz FF49

CygnusEdDemo Demo version of CygnusEd, an editor from CygnusSoft Software. CygnusEd supports simultaneous editing of multiple files, multiple views of the same file, very fast display, margins, word-wrap, status-lines, insert/overstike mode, online help, soft scroll borders, screen overscan, adjustable tab size, macros, text formatting options, block/line/word cut/copy, and more. Also includes demo 3.0 version of MandFXP Binary only. Author: CygnusSoft Software FF95

D2D-Demo Demo version of Disk-2-Disk from Central Coast Software (submitted by George Chamberlin). Binary only. Author: Central Coast Software FF82

dadc A digital computer impersonating an analog clock impersonating a digital clock. Author: Perry S. Kivolowitz FF6

Daisy Example of using the translator and narrator devices to make the Amiga talk. It is written in C. AM24

Dan Kary's C structure index program. In C source code and executable. Documentation included. AM14

Dance These two programs, 'dancing polygons', are John's entry to the Badge Killer Demo Contest. They are variations of one another, but demonstrate the range of colors available on the Amiga. Includes source. Author: John Olsen FF126

Dark A small graphics and animation demo. Includes source. Author: Phil Robertson FF162

dart One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

DAsm A multipass, symbolic, macro assembler for multiple target machines, including 6502, 68705, 6803, and 6811. Supports conditional assembly, addressing mode overrides, arbitrary number of named segments, pseudo-ops for repeat loops, data generation, etc. Version 2.12, includes source. Author: Matt Dillon FF287, FF169, FF167

DataPlot A shareware plotting program written in AmigaBASIC. Also includes a least squares curve fit program. Author: Dale Holt FF121

DataToObj A utility to convert raw data files (sprites, image data, text, etc.) directly into object code which can then be linked to the main program without the need to go through the compiling process. Includes source. Author: Werner Gunther FF172

date One of the basic progs. on FF13 Grab Bag. It is not certain which of the two early basics this program used. FF13

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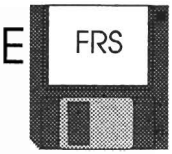

DateRequester A module that provides Intuition based support for soliciting a date value from the user. It supports both point-and-click selection of date values and direct entry of the individual components. It also includes a standalone ARexx driven date requester program which can be called from ARexx macro files. Includes source. Author: Mark Rinfret FF276

Dazzle A Graphics demonstration which produces patterns based on mouse movements. Executable program. AM9, FF15

Dbuf.gels Sample program that demonstrates the animation routines for Bobs and VSprites. Uses double buffering to smooth the display motion Author: David Lucas FF33

Dbug Machine independent macro based C debugging package. Provides function trace, selective printing of internal state information, and more. This is an update to the version released on disk 102, and now includes a machine independent stack use accounting mechanism. Includes source. Author: Fred Fish; profiling support by Binayak Banerjee FF232, FF102, FF41, FF2

DC A handy program for people who use an Amiga 1020 5 1/4 inch drive as an AmigaDOS floppy. A Workbench program that sends a DiskChange signal to the operating system: Instead of typing "diskchange df2:" over and over again, just click on the icon. C source included. AM26

DC10 An AmigaBASIC DC-10 instrument flight simulator. Appears to be quite in-depth with flight-planning and take-off options along with an extensive documentation file. Requires rebuilding on a separate disk and was successfully done so by following the author's instructions in the ReadMe_First file. Author: Jan Arkesteijn FF150

DCDemo A demo version of DiskCat 2.3, a disk catalog program. Demo is limited to cataloging 100 files at a time. Binary only. Author: Ed Alford, MicroAce Software FF98

DClock A 'Dumb Clock' utility that displays the date and time in the Workbench screen title bar. Uses only about 2 percent of the CPU time and about 10Kb of memory. Also has an alarm clock feature and audible beep for programs that call DisplayBeep. Version 1.5, includes source. Author: Olaf Barthel FF298

Debug A symbolic debugger for the Amiga. Features include symbolic disassembly, simple expression parsing, multiple breakpoints, memory fill, memory dump, single step in trace mode, skip over subroutines, etc. V2.10, binary only. Author: Jim Thibodeau and Larry LaPlume FF251

DeciGEL An assembler program for stopping 68010 errors. In C source code and executable program. Documentation provided. AM9

decvnt Opposite of CONVERT for cross developers. C program. AM1

DeepSky A database containing information on 10,368 non-stellar objects, 600 color contrasting easily resolved double stars, 70 stars for setting circles, and misc white dwarfs, red stars, binaries, etc. The database is distributed in zoo format, and is about 1.2 Mb after extraction. V 5.0. Author: Saguaro Astronomy Club FF219

Defdisk CLI utility to re-assign a new Workbench disk. In C source code and executable. Documentation included. AM18

Degas.pic A Degas dancer IFF screen. AM6

Degas2.pic A Degas dancer.IFF screen. AM6

Degas3.pic A Degas dancer. AM6

Degas4.pic A Degas dancer. AM6

dehex Simple little program to convert hex format file into a binary file. Reads lines of hex characters on stdin and writes 8 bit dehex'd bytes to stdout. Author: Fred Fish FF10

DeluxeDraw The drawing program from AC v1.3 in AmigaBASIC. AM8

DEM A program to compute mandelbrots via the Distance Estimator Method, as described in the book The Science of Fractal Images by H. O. Pietgen and D. Saupe. It is used to make high resolution black-and-white images. This is a batch mode type program so several images can be generated, one after the other, without any human interaction. Includes source. Author: Lars Clausen FF303

Demo Multiwindow demo. ABasiC program. AM1

DEMOlition Another neat little display hack. In the spirit of these things, ya gotta run it to find out what it does. Includes source. Author: Kriton Kyrimis FF89

Demon This program implements the Demons cellular automaton as described in the August, 1989, issue of Scientific American. Using extremely simple rules it exhibits rather complex behaviour. Includes source. Author: Lars Clausen FF303

DevKit A collection of C and ARexx language programs to facilitate the software development process. With DevKit, you can launch your compiler from within your editor, have the cursor positioned on your errors, look up the autodoc page for any Amiga function at a single keystroke, find a system structure within the include files, or find any function in the code you are writing. Version 1.2, includes source. Author: Peter Cherna FF297

Devstat Assembly code example of locating and listing information about all mounted devices. Includes source. Author: Fabrice Lienhardt FF292

dex Program to extract documentation in a human readable format inside source files, and produce nroff style output for manuals and other such external documents. First ever public release. Author: Fred Fish FF14

Dfc Copies disks like Maurader, but multitasks. Replaces both diskcopy and format but is smaller than either. It even has a nice little Intuition interface. Includes source. Author: Tomas Rokicki FF131

DFrame A utility that helps you to create animated bobs. It installs itself in DPaint II, after which you can draw each bob in DPaint II within its own frame and check the animation by calling DFrame from within DPaint. V1.02, binary only.Author: Jan Buitenhuis FF221

Dg210 Data General D-210 Terminal emulator. Suggested $12 donation Author: Steve Lenz FF40

DGCS Deluxe Grocery Construction Set, simple Intuition-based prog for assembling and printing a grocery list. AM24

dhrystone Dhrystone benchmark program. Author: Reinhold Weicker (Ada version) Rick Richardson (C version) FF1

Dick2RAM 2 programs to move the Scribble! spelling dictionary to and from the RAM disk. AM26

DietAid Diet planning aid to allow the user to compile lists of ingredients (recipes) and automatically compute calorie totals, etc. Update FF36. V3.1, binary only. by Terry Gintz FF179

DietAid Diet planning aid to allow the user to compile lists of ingredients (recipes) and automatically compute calorie totals, etc. This is a shareware program ($10 suggested) which was submitted by the author for inclusion in the library. Author: Terry Gintz FF36

Diff GNU diff and diff3 utilities, version 1.10. This version provides all the features of BSD's diff plus options to diff non-ASCII files, to ignore changes that just insert or delete blank lines, to specify the amount of context for context diffs, plus more. This version of GNU diff is part of the RCS package found on FF282. Includes source. By: Mike Haertel, David Hayes, Richard Stallman & Len Tower. Amiga port by Raymond Brand & Rick Schaeffer. FF281, FF231, FF138, FF107, AM11

Diff A simple version of diff. Update to version on FF75, includes source. Author: Erik Baalbergen FF87, FF75

DiffDir Compares the contents of two directories, generating a list of differences to the standard output. Detects files or directories present in one hierarchy but not the other, file attributes that are different (dates, flags, comments, etc), and differences in file size. Version 1.1, an update to FF188. Includes source. Author: Mark Rinfret FF281, FF188

DifSsed Dif produces a difference file which lists the line by line differences between any two text files. These differences can be fed to ssed (a stream type editor), along with the original text file, to remotely reproduce the other (new) file. Binary only. Author: Chuck Forsberg, Amiga port by Rich Schaeffer FF51

Digitized Sound: Using the Audio.device to play digitized sounds in Modula-2. Author: Len A. White AC3

Diglib An Amiga device independent graphics library for fortran applications. This is an enhanced and debugged version of a public domain library, the development of which was sponsored by the US Government. This library is required for part of the Matlab package, also included on this disk. Includes source in FORTRAN. Author: Hal Brand, Craig Wuest, James Locker FF267

dimensions Programs to demonstrate three and four dimensional graphics. Not quite sure how else to describe them! Author: Anselm Hook FF14

Dio A module which makes it very easy to use EXEC devices, such as the 'serial.device'. It's generic and can be used with any EXEC device. It allows you to easily open libraries, get multiple IO channels for a device, read, write, do asyncronous operations, etc. Includes source. Author: Matt Dillon FF73

DirMaster A very nicely done shareware disk cataloger, submitted by the author for inclusion in the library. This is version 1.1, an update to the version released on disk 108. Lots of neat new features and enhancements. Binary only. Author: Greg Peters FF130, FF89, FF108, AM26

DirUtil An enhanced version of the dirutil from FF35. Dirutil is a program to wander around a directory tree and perform various operations on files. See README file for list of new features. Author: Chris Nicotra, enhancements by Johan Widen FF49, FF40, FF35, AM11

DirUtil2 Another variant of dirutil.Author: Chris Nicotra, enhancements by Ed Alford FF35

Dis An AmigaDOS shareable library which implements a symbolic single-instruction disassembler for the MC68000 family and a program which uses the library to disassemble/dump AmigaDOS object files, making full use of symbolic and relocation information. Includes source code in Draco. Author: Chris Gray FF240, FF160, FF128

Dis6502 A ported 6502 disassembler with support added for C64 binary files. Includes source. Author: Robert Bond, Amiga port by Udi Finkelstein FF170

Disassem A simple 68000 disassembler. Reads standard Amiga object files and disassembles the code sections. Data sections are dumped in hex. The actual disassember routines are set up to be callable from a user program so instructions in memory can be disassembled dynamically. Author: Bill Rogers, Univ. of WAIKATO (New Zealand) FF27, AM3

DiskCat catalogs disks, maintains, sorts, merges lists of disk files. AM15

diskfont.txt Warning of disk font loading bug. C program. AM4

DiskHandler A sample implementation of a file system that reads and writes 1.2 format diskettes. Includes source. Author: Software Distillery FF236

diskio.c Example of track read and write. C program. AM4

Diskless Compiler: Setting up a compiler environment that doesn't need floppies. Author: Chuck Raudonis AC3

DiskLib Two utilities for those people who like to split up PD disks into disks of different categories. Includes source. Author: Wilson Snyder FF154, AM19

DiskMan Another 'disk browser and/or dirutil' type program. Version 1.0, binary only. Author: Greg Cunningham FF82

DiskMapper Displays sector allocation of floppy disks. Author: Leo Schwab FF33

Diskperf A disk benchmark program which runs on both Unix and the Amiga. This is an update to FF48, with bug fixes and more reliable measurements of the faster read and write speeds available under the new Fast File System. By Rick Spanbauer, enhancements by Joanne Dow FF187, FF48

DiskSalv A disk recovery program for all Amiga file system devices that use either the Amiga Standard File System or the Amiga Fast File System. Disksalv creates a new filesystem structure on another device, with as much data salvaged from the original device as possible. This is version 1.42, an update to the version released on disk 212. Binary only. Author: Dave Haynie FF251, FF212, FF177, FF164, FF20, AM8

DiskSpeed A disk speed testing program specifically designed to give the most accurate results of the true disk performance of the

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disk under test. Automatically updates and maintains an ASCII database of disk results for tested disks. This is version 2.0, an update to FF251, with a few new features and a cleaner user interface. Includes source in C. Author: Michael Sinz FF288, FF251

DiskTalk A cute little program, like muncho on disk 137, which plays digitized sound samples when you insert or remove a floppy disk. Samples are saved as IFF sound files. Version 1.0, binary only. Author: Nico Francois FF302

DiskWipe Latest from Software Distillery, removes files from directories or disk drives, much faster than "delete." AM25

DiskX Nicely done Sector-based disk editor. Binary only Author: Steve Tibbett FF158, FF71

DiskZap Program to 'edit' a disk, sector by sector. Version 1.1. Author: Paris Bingham Jr. FF50

Display Graphics display program to display HAM images from a ray tracing program. Includes some really spectacular pictures Author: Dave Wecker FF39

DissiDemos Demo of Midi Sample Wrench, which provides pro sample editing features for owners of musical samplers. Version 1.1, binary only. Author: Jeff Glatt FF307

Dissolve A program like ViewILBM, but the image slowly coalesces as pixels are added in random patterns. Inspired by an article in Nov 86 issue of Doctor Dobb's Journal by Mike Morton. Includes source. Author: Lee Robertson FF73, AM15

Dk A little display hack, inspired by Leo's gems. Written in Modula-2, includes source. Slightly newer than version on FF66. Author: Thomas Handel FF69, FF66, AM18

DM-Maps IFF maps to the Dungeon Master game. All 14 levels are included. Author: Unknown FF240

Dmake Release version 1.0 of Matt's version of the UNIX make utility. Update to beta version released on disk 179. Features multiple dependancies, wildcard support, and more. Binary only. Author: Matt Dillion FF246, FF179

Dme Version 1.38 of Matt's text editor. Dme is a simple WYSIWYG editor designed for programmers. It is not a WYSIWYG word processor in the traditional sense. Features include arbitrary key mapping, fast scrolling, title-line statistics multiple windows, and ability to iconify windows. Update to FF169, includes source. Author: Matt Dillon FF284, FF168 & 169, FF153, FF134, FF113, FF93, FF87, FF74, FF59

DmeMacros A set of DME macros which utilize templates to turn DME into a language-sensitive editor for C, Pascal, Modula-2, and Fortran. Author: Jerry Mack FF146

DMouse A versatile screen & mouse blanker, auto window activator, mouse accelerator, popcli, pop window to front, push window to back, etc, widget. Includes DLineArt, a screen blanker replacement program for use with DMouse. This is DMouse version 1.20, an update to the version on disk 238 (also called version 1.20). Includes source. Author: Matt Dillon FF258, FF238, FF168 & 169, FF160, FF145, FF105

DNet A link protocol that provides essentially an unlimited number of reliable connections between processes on two machines, where each end of the link can be either an Amiga or a Unix (BSD4.3) machine. Works on the Amiga with any EXEC device that looks like the serial.device. Works on UNIX with tty and socket devices. Achieves better than 95% average throughput on file transfers. V2.10.13, an update to FF220. Includes sources for both the Amiga and Unix versions. Author: Matt Dillon FF294, FF220, FF145

DocSplit A program to split the 1.3 autodoc files into individual subroutine files. One file is created for each subroutine, with the name created by appending .doc to the subroutine name. Version 1.0, includes source. Author: Joel Swank FF304

Doctor_A This animation of Amiguy on the basketball court is Marvin's entry to the 1989 BADGE Killer Demo Contest. The animation source (for SculptAnimate-4D) is available from the author. Author: Marvin Landis FF268

Dodge Short Modula-2 program moves the Workbench screen around after a period of time, prevents monitor burn-in. AM25

dogstar One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

DogsWorld This animation is Charles' entry to the 1988 Badge Killer Demo Contest. by: Charles Voner FF212

DOSDev Example DOS device driver in Manx C. Version 1.10, includes source Author: Matt Dillon FF113

DOSHelper Windowing program to print help information about various DOS command. Version 1.60. Suggested $10 donation. Author: John Youells FF40, AM14

DOSKwik A pair of programs which allow you to save files, or a group of files, to one or more floppies for quick loading (loading up a RAM disk for example). Does not store files in DOS format, which is why it is faster. Version 2.0, update to version on FF 103. Binary only, shareware. Author: Gary Kemper FF129, FF103

DOSPlus1 First volume of CLI oriented tools for developers. Executables only Author: Bill Beogelein FF32

DOSPlus2 Second volume of CLI oriented tools for developers. Executables only Author: Bill Beogelein FF32

DoTil Lists, in alphabetical order, all files on any two directories, showing file size, creation date/time, and amount of free disk space. Also copies, renames, or deletes files and/or directories, and moves files from one directory to another. Version 2.0, shareware, author suggests $15 donation. Author: Dan Franki FF70

Dots-Perfect Printer driver for an Epson MX80 printer with the Dots-Perfect upgrade kit installed. Includes source. Author: Robbie Akins FF108

dotty Source to the 'dotty window' demo on the Workbench disk. Posted to usenet by Dale Luck. FF1, AM1, AM4

Double Playfield: Shows how to use dual playfields in AmigaBASIC. Author: Robert D'Asto AC2

Dozer An IFF picture of a bulldozer. AM7

dpdecode decrypts Deluxe Paint, demo. AM14

DPlot A simple display program for experimental data, with the goals of supporting paging through lots of data and providing comfortable scaling and presentation. V2.0, an update to FF237, and incorporates several significant enhancements. Binary only. Author: A. A. Walma FF290

DPS Demo version of a program that will allow you to take any IFF file and save it as a totally self-contained executable file, without the need for any IFF-viewers. V1.0, binary only. By Foster Hall FF184

Dps A program designed to work with the PrintScript program, a commercial PostScript interpreter for the Amiga, to provide a page previewer. V 1.1 and includes source. by: Allen Norskog FF209

dpslide A slide show program for displaying graphic images which are in the IFF format, such as output from the Electronic Arts Deluxe Paint program. Allows the user to select the display time for each slide and the method of bringing the slide up to the screen, and then removing it. Double buffers images to improve smoothness of display. Author: Paul Biondo FF11, AM3, AM6

Draco Update to Chris Gray's Draco distribution for the Amiga.Enhancements include support for floating point, register variables, more optimization, improved call/returnstandard, etc. V1.2, an update to FF76. Requires documentation from FF77 to complete the distribution kit. Binary only. Author: Chris Gray FF201, FF76 & 77

dragon One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

draw One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

DrawMap A program for drawing representations of the Earth's surface. Can generate flat maps, mercator maps, a globe view, or an orbital view. Includes source. Author: Bryan Brown FF229

DRES V1 Support (run time) library w/ lots of functions including a generic parser & IPC. FF168 & 169

Driver Demo device driver in source. Functions as a RAM disk for demonstration purposes. Author: Lee Erickson FF39

DropCloth DropCloth lets you place a pattern, a 2 bitplane IFF image or a combination of a pattern and image, into the WorkBench backdrop. This is version 2.4, an update to version 2.2 on disk 128. Shareware, binary only. Author: Eric Lavitsky FF201, FF128, FF59

DropShadow Dropshadow version 2, rev 0, for use with Bryce Nesbitt's Wavebench demo. Binary only. Author: Jim Mackraz FF112, F87, FF74, FF59, AM18

DSM Dynamic Sound Machine) Demo version with 'Save' disabled of a program that will take any IFF sound or raw data and save it as a totally self-contained, runable program. Author: Foster Hall FF167

DTerm Small, flexible, terminal program with intelligent data mapping, intelligent keyboard mapping, dynamic menus, intelligent command language, asyncronous IO, duplex control, and a state machine structure allowing you to build any automatic control structure you wish (from auto-redial, sequence dialing, to auto-logon). Version 1.10, binary only. Author: Matt Dillon FF73

Du Computes disk usage of a file or directory (including sub directories). Very handy. Author: Joe Mueller FF48

Dual Demo: How to use dual playfields to make your own arcade games. Written in C. Author: Thomas Eshelman. AC7

dualplay.c Dual playfield example. C program. AM4

DualPlayField An example of using a dual-playfield screen, using a method contrary to documentation in the Intuition Manual Author: Jim Mackraz FF41

DuM2 A version of the ever popular directory utility (dirutil) but this one is written in Modula 2 and includes source. Dirutil is a program to wander around a directory tree and perform various operations on files. Version 1.5. Author: Greg Browne FF75

DumpDiff A small utility that prints the hexdumps of 2 files, with all differences between these two files highlighted. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF253

Durer Draws pictures in the style of Durer. ABasiC program. AM1

Dux5 Latest version of directory utility which is a descendant of the original dirutil program by Chris Nicotra. Includes source. Author: Enhancements and fixes by lots of people FF67

DvorakKeymap Example of a keymap structure for the Dvorak keyboard layout Untested but included because assembly examples are few and far between. Author: Robert Burns @ Commodore-Amiga FF27

DWIP 'Daisy Wheel IFF Printer'. A graphics printing utility that allows the printing of IFF pictures on a daisy wheel printer. Includes source. Author: Ken Van Camp FF160

DX-Synth Voice filer program for Yamaha DX series synthesizers. Voices are transfered to and from the Amiga over MIDI. Update to 'VoiceFiler' released on FF38. Binary only. Author: Jack Deckard FF82

DX-VoiceSorter Written to be used with Jack Deckard's VoiceFiler program. (Disk 82). It allows for the sorting of a number of voicefiles stored using that program into a new voicefile of voices made up from various files. Includes source. Author: David Bouckley FF149

Dynamic Memory!: Flexible string gadget requester using dynamic memory allocation. Author: Randy Finch. AC8

dynamictriangle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

DynaShow A program and example image using a dynamic HiRes technique to display up to 4096 colors in high res with overscan. Dynamic HiRes uses a different 16 color palette on each scan line. Version 1.1, binary only. Author: NewTek FF285

EAguys.pic The guys at Electronic Arts. AM6

Echo Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

Echo A small replacement for the AmigaDOS echo that will do some special functions, such as clear the screen, delete to bottom of screen, scroll the screen, place the cursor at a particular

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location, and set the text style and/or color. Includes source. Author: Garry Glendown FF217, FF36

echox UNIX-style filename expansion, partial S, C program in C source code and executable. Documentation included. AM1

ECPM A CP/M emulator for the Amiga. Emulates an 8080 along with H19 terminal emulation. Update from version on FF109. Includes source. Author: Jim Cathey; Amiga port by Charlie Gibbs; Significant improvements by Willi Kusche FF157

Ed An editor based on the editor described in the original Software Tools book. It is very similar to the UNIX 'ed' editor, but not identical. Includes source. Author: Brian Beattie FF84

EdCommands Text guide to the ED editor. AM1

Edimap A keymap editor. Allows you to read in an existing keymap file, modify it to suit your needs, and save it as a ready-to-use keymap. V1.0, includes source. Author: Gilles Gamesh FF182

EdLib A library of additional functions for Manx. This is V1.1, an update to V1.0 from FF183. Includes source. Author: Edwin Hoogerbeets with C-functions from several different authors FF218

EFJ A fast action machine-code game (Escape From Jovi) featuring hi-res scrolling, large playfield, disk based high score list, stereo sound, multiple levels, a cheat mode, realistic inertia and gravitational effects, an animated sprite, and more. Use a joystick in port 2 to control the ship. This is version III, an update to the version on disk 148. Includes source in assembly code. Author: Oliver Wagner FF259, FF148

Egad A gadget editor from the Programmers Network. Very nicely done and very useful. Author: John Draper, Ray Larson, Brent Southard, and Dave Milligan FF46

EGraph Egraph reads pairs of x and y values from a list of files and draws a formatted graph. Supports four unique curve fonts; solid curves, dashed curves, dotted curves, and long dashed curves. The maximum number of data points is unlimited. Has globs of options. Binary only. Author: Laurence Turner FF58, A

EgyptianRun Cute little 'road race + hazards' type game. Version 1.1, binary only, shareware, source available from author. Author: Chris Hames FF120

EHB Checks to see if you have extra-half-bright graphics. In C source code, executable program and documentation. AM21

electric guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Elements Very nice interactive display of the the Periodic Table of Elements. Can display a large amount of pertinent data about a selected element along with a good deal of general and miscellaneous info. V 1.3, update to FF253. It adds a non-interlace mode and extend selection of two elements. Binary only, shareware. Author: Paul Thomas Miller FF297, FF253, FF175

Eless A faster directory lister, that also sorts entries and displays directories in the current cursor color (ala the Manx 'ls' program). Includes source. Author: Leo Schwab FF75

ElGato This animation is Kevin's entry to the Badge Killer Demo Contest. It also has a background music arrangement, that requires Sonix to use. Author: Kevin Sullivan . FF125

Elib Example of building a shared library using small model Manx C. Includes source. Author: Jim Mackraz FF87

Eliza One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM18

Emacs An early version of the Amiga text editor, C program in C source code and executable. Documentation provided. AM2

EmacsKey Makes Emacs function key definitions by Greg Douglas. In C source code, and documentation. AM19

Empire This is a complete rewrite, from the ground up, in Draco, of Peter Langston's Empire game. Empire is a multiplayer game of exploration, economics, war, etc, which can last a couple of months. Can be played either on the local keyboard or remotely through a modem. This is version 1.0, shareware, and includes source code. Author: Chris Gray, original game by Peter Langston FF118

Emporos You are living on the island of Emporos, where several countries exist. Your goal is to make one of these countries your own. There is only one way to do this, and you have to find it out. Binary only. Author: Roland Richter FF229

Enough A new CLI execute file command that tests for various system resources such as available memory or existence of specific files, directories, or devices. Author: Bruce Barrett @ Commodore-Amiga Player Animation player for Aegis Animator. Received directly from Aegis Development. FF29

Entertainer Plays The Entertainer, a Scott Japlan song made famous by "The Sting". ABasiC program. AM1

EOMS Experts Only Mercenary Simulator. A neat (and tough!) PD game that was originally developed for eventual commercial release but, for various reasons, the author decided to release as PD instead. So far my son has beat every other Amiga game I've got, both PD and commercial, but he gave up on this one. For serious game players. Binary only. Author: Daniel Cardenas FF78

Epson An improved Epson driver that eliminates streaking. AM9

Epson LQ-800 Printer driver for the Epson LQ-800. AM9

epsonset Executable program that sends Epson settings to PAR from menu. Documentation included. AM12

Error Adds compile errors to a C file, C program in C source code. AM3

Esperanto A keymap modification to usa1 which, in con-junction with the supplied slate.font, will allow one to type in Esperanto and Welsh, in any program that will use keymaps & fonts by: Glyn Gowing FF211

esuoM A little screen hack that causes the mouse pointer to move in the opposite direction of the mouse. Includes source. Author: Rob Eisenhuth FF229

Etale Another 'more' or 'less' type file reader, which differs from the others in that it supports superscripts and subscripts at very low memory cost, and supports a complete Greek alphabet. Includes source. Author: William Hammond FF254

Eval This package allows you to manipulate expressions. Currently its two main functions are evaluation and differentiation. It also does some basic simplifications (based on pattern matching) to make the result of a differentiation more presentable. Includes source. Author: David Gay FF192

Evo A human evolution toy/tutorial. Includes source. Author: Steve Bonner FF130

Evolution This program graphically simulates the evolution of a species of 'bugs', the insect kind. Bugs, represented by moving blobs, eat bacteria represented by single pixels. They mutate, compete for food, reproduce and pass their mutations to their offspring. Nice example of graphics and software simulation. Standalone image and source code. Author: Russel Yost FF239

EW Patch for Intuition OpenWindow() and CloseWindow(), creating a Mac-style frame whenever a window is opened or closed. Very short, includes source in assembler. Author: Oliver Wagner FF286

Examples Assembly and C code examples, including some old favorites (like speechtoy and yachtc3) downcoded to assembly language. Includes a replacement for the official audio device, an example of creating a subtask, a rewrite in assembly of R. J. Mical's file requester, an example of installing a custom input handler ahead of intuition, and more. Author: Jim Fiore & Jeff Glatt FF203

Excption Exception is a set of error handling routines that provide a programmer with the ability to easily handle often difficult to implement routines. Routines such as no more memory, file not open, read/write error....etc. V0.6, includes source. By Gerald T Hewes FF179

exec.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

ExecDis A disassembler comment generator program for the 1.2 Kickstart ROM exec library image. Generates a commented disassembly of the exec library. V1.0, binary only. By Markus Wandel FF188

ExecLib A working example of how to build and use user-defined disk-resident libraries. Of special interest to developers working with Lattice C. Author: Alex Livshits FF150

Expose Program which will automatically cause all screen drag bars and screen depth-arrangers to become exposed. Sends a message to windows which obscure the screen drag bars, asking them to move down a pixel, and also to become smaller if necessary. Includes source. Author: John Russell FF73

ExP_Demo Demo version of Express Paint 1.1. This is the program that was used to create the huge scrolling demo picture in the AMUC_Demo drawer on this same disk. Binary only. Author: Stephen Vermeulen FF117

extdisk Text, external disk specification. AM5

ezspeak One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

ezterm One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

FarPrint Debugging functions for programs which don't have any links to their environment. FarPrint consists of two major parts; a harbour process open to receive and distribute messages and requests, and a set of C functions to be linked into any program wishing to communicate with the FarPrint main process. Version 1.3, includes source. Author: Olaf Barthel FF281

Fast Fractals: A fast fractal program written in C with Assembly language subroutines. Author: Hugo M. H. Lyppens AC6

Fast Pics: Re-writing the pixel drawing routine in Assembly language for speed. Author: Scott Steinman AC6

FastDisk A disk optimizer providing two ways of optimizing. Originally written by Thorsten Stolpmann. This is version II, now featuring an Intuition interface, ARP support, bug hunting, and Lattice C compatibility, done by Oliver Wagner. Includes source in C. Author: Thorsten Stolpmann and Oliver Wagner FF286

fasterfp Explains use of fast-floating point math C program. AM1

FastGro A fractal program, simulating Diffusion-Limited Aggregation (DLA) as described in the December 1988 Scientific American in the Computer Recreations column. This program is about an order of magnitude faster than the 'SLO GRO' program described in Scientific American. V 1.0, includes source. By Doug Houck FF188

FastText Blitter based fast text rendering routines written in assembly. Unique in the fact that they speed up rendering of non-proportional fonts of any height, and from 4-16 pixels in width. Source and test program included. Author: Darren M. Greenwald FF170

Fd A modified version of Leo's 'eless' that processes an entire track at a time, to minimize rereading of blocks. Includes source. Author: Leo Schwab, enhancements by Stephen Vermeulen FF75

Fedup A random access, byte oriented file-editor that gives you the option of viewing and editing any file (binary or ASCII) using either ASCII or hexadecimal notation. Version 2.1, binary only. Author: Martin Lindemann FF230

Fenster A program which can operate on windows owned by another program, to close them, change their size, refresh gadgets, move the window to the background, etc. This is version 2.1, an update to version 2.0 on disk 298. Includes source. Author: Roger Fischlin FF305, FF298, FF245

ff A very fast text formatter, controlled exclusively by command line arguments. Author: Gary Perlman & hordes of students FF3

FFP & IEEE: An Example of using FFP & IEEE math routines in Modula-2. Author: Steve Faiwiszewski AC1

FFT Highly optimized Fast Fourier Transform tools for digital signal processing. The FFT can be used to compute the frequency spectrum of a complex signal. It is useful in a variety of different applications. Floating point and integer versions. Mixture of high level and assembly language code. Includes source (requires JForth). Author: Jerry Kallaus FF239

File A program that recognizes various types of files and prints what that type is. Recognizes font files, icon files, executable files, standard object files, compressed files, command scripts, C source, directories, iff files, LaTeX source, modula II source, arc files, shell commands and scripts, TeX source, dvi files, uuencoded files, yacc files, zoo archives, etc. Version 1.0, includes source. Author: Edwin Hoogerbeets FF231

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FileBootBlock This simple little program reads blocks 0 and 1 of a bootable disk and saves them as a program file that can be run (heaven forbid) or disassembled by programs like DIS or DSM. Includes source in assembly code. by: John Veldthuis FF191

FileIISG-Demo A demo version of Softwood File IIsg, a database manager with sound and graphics. Also includes a database of previously released disks in this library, courtesy of Stan Spence. Binary only. Author: Woody Williams and Donald Brady FF86

FileIO A disk based shared library to make filename selection easy for load and save routines using an Intuition interface. This is version 1.5, and update to the version on disk 257. Now includes the ability to select multiple filenames and fixes some bugs in the 1.4 version. Binary only. Author: R. J. Mical, Jeff Glatt and Jim Fiore FF307, FF257

FileIt A simple database program, written in DRACO. It is meant to be portable, thus it does not use any of Intuition's facilities. Version 1.0, includes source. Author: John Davis FF230

FileMaster A file editor like NewZap or FedUp, which allows you to manipulate bytes of a file. You may also change the file size or execute a patch. Version 1.11, includes source. Author: Roger Fischlin FF298

Filenames AmigaDOS filename wildcard conventions in a text file. AM1

FileReq This is Jonathan's second version of a file requester, and is much more powerful than the one included on disk 204. Shareware, includes source. Author: Jonathan Potter FF242, FF204, FF85

FileRequest Assembly code example of a file requester. V2.0, an update to FF173, where it was called FileSelect. New features include 3 speed scrolling of filenames and ghosting of unavailable devices. Includes source. Author: Fabrice Lienhardt FF292, FF173

FileRequester A very nice file requester module for lattice C programs, along with a demo driver program. Author: Charlie Heath FF35

FILES V1.2 Matt Dillion's disk catalog program. FF168 & 169

FileSelect A FileIO selector, written 100% in assembly. Version 1.0, includes source Author: Fabrice Lienhardt FF173

FileTest This routine is used to recursively descend the file system tree from a specified directory location, reading the files into memory (if they will fit) as it goes. Useful as a complete test of file system integrity. Includes source. Author: Stephen Vermeulen FF284

filezap An updated version of the file zap utility first released on FF10. Can be used to patch any type of file. Nice, and VERY useful. Author: John Hodgson FF14, FF10, AM16

FillDisk Disksalv has been known to find some rather interesting things in the free blocks of some production disks from companies that should know better. This little hack makes sure you don't get caught in the same trap, by scribbling the disk's free blocks in a totally safe manner. Includes source (all 20 lines of it). Author: Fred Fish FF61

fillibuster One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Find Find is a utility which searches for files that satisfy a given boolean expression of attributes, starting from a root pathname and searching recursively down through the hierarchy of the file system. Very much like the Unix find program. V1.2, includes source. Update to FF134 Author: Rodney Lewis FF197, FF134

FINDIT V1.00 Search for a filename (wildcard) FF168 & 169

FineArt This is a collection of works from some of the best of current Amiga artists. Many thanks to Jim Sachs, Sheryl Knowles, Jack Haeger, and Aegis Development for submissions. FF30

FirstSiliCon A smart input line interpreter that provides a separate command window with full editing and recall of previous commands. Actual name is 'Sili(Con:)'. Author: Pete Goodeve FF50

Fish 'A demo program which runs an AnimOb in a double buffered screen with sequence cycled animation'. (Basically shows a fish 'swimming' across the top of the screen). Author: Catherine Wagner (posted by Barry Whitebook) FF15

FiveInLine A board-playing game similiar to Go-Moku, Ristinolla, etc. Fast-paced and quickly addictive! Includes source. Author: Njel Fisketjxn FF163

Fix68010 A program which patches executables that fail to run on machines equipped with an M68010, so that they no longer use the prohibited priviledged instructions. Binary only. Author: Gregor Brandt FF241

FixDate Fixes future dates on all files on a disk, C program in C source code and executable. AM1

FixDisk A program to recover as much as possible from a defective disk. It can sometimes recover damaged (unreadable) tracks, check file integrity, check the directory structure, undelete files, copy or show files, fix corrupted directory pointers, etc. Full intuition interface. Version 1.0, binary only. Author: Werner Guenther FF223

FixFd A utility for Amiga assembly programmers. FixFd will read a '.FD' file and output a file that can be 'INCLUDE'ed rather than having to link with the colossal 'Amiga.Lib'. V1.0, includes source in assembly. By Peter Wyspianski FF183

FixHunk A program to modify executable files to allow them to run in external memory. It forces all DATA and BSS hunks in the file to be loaded into CHIP memory. CODE hunks will still load into FAST ram if available. New features include an interactive mode to select where each DATA or BSS hunk will load into memory, support for overlays, support for AC BASIC compiled programs, and support for new hunk types as used by 'blink'. V2.1, binary only. Update to FF36. Author: D.J. James FF197, FF36, AM17, AM16

FixIcons A program to scan through all files in a given volume or directory, looking for project icons and changing their default tools according to instructions given in a script file. Version 1.2, includes source. Author: Lars Clausen FF303

FixObj Strip extraneous garbage off the end of object files transferred with modem. Does not require pre-knowledge of actual file length, uses knowledge of Amiga file structure. Version1.1 (update to copy on disk #10). Author: John Hodgson FF38, FF10, AM17, AM2

FixWB A program similar to 'DropCloth' (also on this disk), but not fully working yet. At least this one is provided in source, so you get your choice of a working one in binary or a nonworking one in source. Sigh. Author: Leo Schwab FF59

FKey includes template for making paper to sit in the tray at the top of the Amiga keyboard. AM15

FlamKey Installs a little key on the WorkBench screen title bar, and then waits in background until somebody clicks on the key. When activated, allows the keyboard and mouse inputs to be locked out until a password is entered. Shareware, binary only. Author: Alex Livshits FF105

Flex Flex is a replacement for the UNIX 'lex' (lexical analyzer generator) program that is faster than lex, and freely redistributable. Includes source. Authors: Jef Poskanzer, Vern Paxson, et. al. Submissions by William Loftus and Scott Henry FF156

FlightSim A simple flight simulator program in AmigaBASIC. AM9

Flip Seems like Leo's gems have inspired lots of people. This one is quite cute also. Written in assembler, includes source. Author: Mike Berro FF66

Flipper A small, fast, Othello program. Does not use any look-ahead methods. Binary only. Author: Michael Sinz FF248

flood.c Flood fill example. C program. AM4

Flow2Troff A little utility to convert from New Horizons Software 'FLOW' files to UNIX 'troff' files, suitable for printing on any troff-compatible laser printer. Version 1.0, includes source and a sample 'FLOW' file. Author: Daniel Barrett FF162

flute Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Fm File mapper program. Uses track disk device to grab sectors and traverse the file system to find out what sectors a particular file occupies. Author: Leo Schwab FF36, AM15

FMC An alternative to the NoFastMem program. Uses a cute little switch gadget to turn fast memory on or off. Version 1.2, includes source in assembly code. Author: Roger Fischlin FF244

Fme Nicely done map editor for the Fire-Power (tm) game. Features interlaced hi-res with intuition interface. See the 'Readme.fnf' file for information on making a bootable disk. Includes source. Author: Gregory MacKay FF148

FmsDisk A file based trackdisk simulator, useful for creating a floppy-like partition on your hard disk (so you can diskcopy to a floppy) without actually having to create a special partition for it. Also useful for testing new filesystems and such. Supports up to 32 units, with either the old filesystem or the new fast filesystem. Includes source. Author: Matt Dillon FF294

FnctnKeys Text file explains how to read function keys from AmigaBASIC. AM9

FontEditor Does what the name implies, edits fonts. Author: Tim Robinson Author's suggested shareware donation: $5 FF30

Fonts Several miscellaneous new fonts for your enjoyment. Author: (Several) FF81

Foogol Just what you've been waiting for, a foogol cross compiler for your Amiga that generates VAX assembly code. Now you can port all those Amiga foogol programs to your VAX! Seriously, foogol-IV is a tiny Algol like language and this is a compiler for it. Includes source. Author: Per Lindberg FF66

Foreach A simple but useful program that expands a wild card file specification and then invokes the specified command once per expanded filename, with the expanded filename as the command argument. Includes source. Author: Jonas Flygare FF138

Form File formatting program through the printer driver to select print styles. AM15

Fpic Fpic is an image processing program, designed specifically to be used in conjunction with digitized (Digi-View) lo-res black & white IFF picture files. Provides several filters, including average, binary (threshold), clipblit, cross, Sobel, Roberts, pixelize, sharpen, and a user defined matrix. Also supports merging of two images, histogram, image compare, and remapping. Binary only. Author: Bob Bush FF71, AM20

FracGen A fractal generator program that generates fractal pictures from 'seeds' that you create. This is unlike any of the other 'fractal generators' I've seen. It can be used to load and display previously created fractal pictures, modify existing fractals, or create your own fractals. V 1.23, binary only, update to FF142. By Doug Houck FF188, FF142

fractal One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Fractal A fractal program which produces a random square fractal terrain. Author: John Olsen FF52

Fractals draws great fractal seascapes and mountainscapes. AM15

Fractals Part I: An introduction to the basics of fractals with examples in AmigaBASIC, True BASIC, and C. Author: Paul Castonguay AC2

Fractals Part II : Part II on fractals and graphics on the Amiga in AmigaBASIC and True BASIC. Author: Paul Castonguay AC4

Fractals: Part III: AmigaBASIC code that shows you how to save/load pictures to disk. Author: Paul Castonguay AC6

Frag Two CLI utilities that show disk and file fragmentation on AmigaDOS floppies. Includes source. By: David Gay FF278

FragIt A dynamic memory thrasher for the Amiga. FragIt randomly allocates and deallocates psuedo-random size values of memory, ranging from 16 bytes to 50000 bytes by default. The result is an allocation nightmare, thousands of memory fragments are being created and destroyed continuously. This puts stress on the memory allocation routines of an application undergoing testing by simulating a very busy, highly fragmented memory environment. This is version 2.0, featuring many bug fixes, a full intuition interface, configuration settings via the icon, and more. Includes source. Author: Justin V. McCormick FF243

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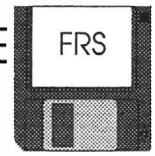

Frags Reports the number of free blocks of size 2^(n-1) to (2^n)-1 for n up to 24 (blocks of max size 16Mb-1). Translation: Gives you some idea of how fragmented your free memory is. Includes source. Author: Mike Meyer FF69

Free A little command to put in your c directory that returns memory status and number of tasks currently served by EXEC. Includes source. Author: Joerg Anslik FF159, FF66

freedraw A small 'paint' type program. Free drawing, boxes, filled boxes, etc. Author: Rick Ross FF1, AM1

freemap Creates a visual diagram of free memory. Comes with custom icon so can be run from workbench screen. Author: Robert J. Mical FF5, AM4

FReq A general purpose file requester, which was designed to be easy to use and fast, with a built-in ARexx port allowing you to use it from ARexx scripts or applications with ARexx ports. Version 1.0, binary only. Author: Jeffrey D. Wahaus FF308

Friends Cute little screen hack with command-line options to keep your mouse pointer company when you step away. Includes source. Author: Michael Warner FF161

fscape One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM1

FTOHEX Part of DASM used to convert a DASM executable into an intel-hex formatted ascii file. FF168 & 169

fullfunc.txt List of #defines, macros, functions. C program. AM4

FullReset A program to get rid of all viruses, vector modifying programs, and residents, by forcing a specific reset. Binary only. Author: Jurgen Klein FF283

FullView A text viewer that uses gadgets at the bottom of the screen (thus can display text 80 columns wide), opens up to the full height of the Workbench screen, has fast scrolling, and can work with compressed files (file compression program included). Shareware, binary only, source available from author. V1.1, update to FF242. Author: Jonathan Potter FF287, FF242

FullWindow Resizes any CLI window using only CLI commands. Executable program and documentation. AM18

FunBut Lets a function key act like a rapid series of left mouse button events. AM26

FuncKey A shareware function key editor, submitted by the author for inclusion in the library. This is version 1.1, an update to the version on disk 89. Binary only (source available from author). Author: Anson Mah FF106, FF89

Function Evaluator: A program that accepts mathamatical functions and evaluates them. Written in C. Author: Randy Finch AC6

Funds AmigaBASIC program to track the prices of mutual funds or stocks. Includes source. Author: Bill Strack FF74

Furnish For those of you who may have ever used the 'scale size cut and place' method of determining your next living-room arrangement, this Amiga-ized version may be just what you need. Binary only, shareware. Author: Terry Gintz FF175

gad 'Fun with Gadgets'. Demonstration program for use of gadgets. Author: John Draper (aka 'crunch') FF1

Gadgets Bryan Catley's AmigaBASIC tutorial. Source code and documentation. AM19

Gadgets Tutorial on gadgets from J. Draper. AM2

gameport Text, game port spec. AM5

Garden makes fractal gardenscapes. AM22

Garfield Garfield in LoRes FF72

GaryIcons A collection of more interesting and useful icons. Author: Gary Roseman FF190

Gauge Continuously displays memory usage in a vertical bar graph, similar to the workbench 'fuel gauge' type display for disk space. Binary only. Author: Peter da Silva FF111

gbox One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

GDiskDrive Text file instructions to make your own 5 1/4 drive. AM8

Gears A program to calculate and display the gears of a multispeed bicycle. Works for bicycles with 3 to 21 gear combinations. Version 1.1, includes source. Author: Joel Swank FF304

Gels in Multi-Forth-Part 3: The third and final part on using Gels in Forth. Author: John Bushakra AC5

Gels In MultiForth Parts I & II: Learn how to use Gels in MultiForth. Author: John Bushakra AC1

geltools.c Tools for VSprites and BOBs. C program. AM4

Gemini Star-10 Printer driver for the Gemini Star-10. AM9

Gen Program indexes and retrieves C structures and variables declared in the Amiga include file system. AM16

GeoTime A couple of interesting 'clock' type programs based on the 'Geochron'. Observe the earth's shadow scroll across a map or globe in real-time, based on the system clock. V1.0, binary only, shareware. By Mike Smithwick FF180

GetDisks Sample program to find all available disk device names and return them as a simple exec list. The list is made of named nodes, with the name being the device name. Author: Phillip Lindsay FF56

GetFile A very nice filename requester. Unlike the earlier version on disk #35, this version includes source code. Author: Charlie Heath FF41

Getsprite A simple little program to convert Dpaint brushes into C-source. Binary only. Author: Michael Warner FF161

GetVolume Sample program to get the volume name of the volume that a given file resides on. Works on any device, even the RAM: device. Author: Chuck McManis FF56

gfxmem An updated version of the graphical memory display program first released on FF1. Watch your machine's memory usage change dynamically under use! Author: Louis Mamakos FF14, FF1, AM4, AM1

gi Converts DPaint brush files to C source files 'necessary to create an Image structure, including height, width, depth, and color information, as well as the array of data which represents the bit planes of the image'. Author: Mike Farren FF14

Glat's Gadgets: Using gadgets in Assembly language. Author: Geff Glatt AC6

Glib A text screen oriented librarian and editor for synths. Supports the TX81Z, DX100, DEP5, DW8000, and K-5. Includes source. Author: Tim Thompson, Steve Falco, and Alan Bland FF228

GlobeDemo A graphics demo which displays very smooth transitions of the rotating earth. Features a pop-up menu. Includes source. Author: Bob Corwin FF151

GMC A console handler with command line editing and function key support. GMC provides extended command line editing, function key assignment in four levels, extended command line history, online help for functions in the handler, and an iconify function. Version 4.0, binary only. Author: Gotz Muller FF291

GnuGrep The grep program from the GNU project. Replaces grepfgrep, egrep, and bmgrep. Currently does not expand Amiga style wildcards, so if you wish to scan multiple files you will need to use it with a shell that does this for you. This is version 1.5. Includes source. Author: Many (see README file) FF295, FF204

Go64 Another screen hack aimed at an earlier Commodore product (Not to be confused with the commercial product Go-64! from Software Insight Systems). Includes source. Author: Joerg Anslik FF156

Gomf Gomf stands for 'Get Outa My Face', a phrase many a programmer has mumbled when a Guru alert appears unexpectedly. This interesting little program can generally make the Guru go away and allow you to clean up and shutdown more cleanly. Version 1.0, binary only. Author: Christian Johnsen FF95

gomoku One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM3

gothic Gothic banner printer. Prints DOWN the page, rather than across, so arbitrarily long banners can be created. Send EOF (CTRL-\) to end input. From a Decus C distribution several years ago. FF3

GPrint A black & white graphics print utility for Epson compatible printers. Command-line options allow several different print qualities and densities. Includes a couple of sample IFF files for printing. V2.03, binary only, shareware. By Peter Cherna FF180

Grammars A group of lexical grammar files for Ada, C and Pascal for use in conjunction with the flex program on this disk and the bison program on FF 155 Authors: Various, submitted by William Loftus FF156

Graph Function graphing programs. AmigaBASIC Program. AM3

Graph A program that draws mathematical functions on a plane. Text and axes may be added, and the result saved to disk or printed. Uses a full Intuition interface with multiple windows (one per graph), requesters, etc. Version 1.0, includes source. Author: David Gay FF280

graphics.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

GraphIt A program to plot most simple functions in 2 or 3 dimensions, as well as 2d parametric equations in term of t. Includes source. Author: Flynn Fishman FF97

gravity Sci Amer Jan 86 gravitation graphic simulation. In C source code and executable. Documentation included. AM13

Gravity-Well A celestial motion simulator that simulates the motion of up to twenty bodies in a Newtonian universe. The view of the simulation may be scaled, rotated in three dimensions or repositioned. Includes source. Author: Gary Teachout FF250

GravityWars The object of this game is for one player to hit the other player's ship with a missle, before being hit yourself. The ships and planets don't move, but aiming the missle in the presence of gravity fields and black holes makes hitting your target difficult. Version 2.0, shareware, binary only. This is an update to the version on FF84. Author: Ed Bartz FF105, FF84, FF70

GravSim A program to animate up to 6 planetary masses, all of which exert a mutual gravitational force on each other. The planetary masses can be placed anywhere on the screen, and their mass and initial velocity can be determined by the user. The program then steps the animation through time, plotting and displaying the new position in the trajectory of each mass. V1.50, includes source. Author: Richard Frost FF223

grep Decus grep (Get Regular Expression and Print). Useful for finding strings in files. Author: Unknown FF4, AM1

Grids Draw sound waveforms, and hear them played. AM15

Guardian Another virus diagnosing and vaccination program. Recognizes any non-standard bootblock. Includes a small utility program to permanently place the program on a copy of your kickstart disk in place of the seldom (if ever!) used DebugO function. Binary only. Author: Leonardo Fei FF154, AM25

Guru Handy 'guru' number interpreter (well, handy after reboot anyway!). Tells you what '81000009' means, for example. CLI usage only. Standalone image with readme file. Source code included. Author: Mike Haas FF239, AM25

Guru Guru fantasy in LoRes FF72

GuruMed Text file explains the Guru numbers. This is an older file. AM8

GurusGuide The source files for all examples published in the 'Guru's Guide, Meditation #1: Interrupts' by Carl Sassenrath, the architect of the Amiga's low-level multitasking operating system and designer of Exec. Author: Carl Sassenrath FF203

H2J Converts 'C' style '.h' include files to JForth style '.j' files. Useful when developing interfaces to new Amiga libraries like ARP, etc. Standalone image and source code. Author: Phil Burk FF239

FREELY REDISTRIBUTABLE SOFTWARE

Hack This disk contains a port of the popular UNIX game 'Hack', done by John Toebes and the crew at the Software Distillery. This is version1.0.3D. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using a command of the form 'copy df0: to df1: all'. This insures that disk fragmentation is kept to a minimum, but also has the unfortunate side-effect that all the file dates are changed. Note that this disk must be named 'Hack_Game'. I have elected to keep that name, rather than using the usual 'AmigaLibDiskXX' convention for disks in my library, to avoid requiring users to rename the disk before using it.-Fred. Released April 11, 1987 FF62, FF25, FF7

Hack the source to 'Hack', a popular UNIX game ported to the AMIGA by John Toebes. FF8

HackBench HackBench provides the source for a WorkBench-like program, for experimentation and validation of new interface ideas. It is not intended to be an actual WorkBench replacement. Author: Bill Kinnersley FF96

HackerSln Text file explains how to win the game 'hacker'. AM9

HackLite This is the latest version the Amiga port of Hack, with lots of Amiga specific enhancements and neat graphics. Now includes an easy to use installation program. This is HackLite V1.0.0, binary only. By Software Distillery FF187

HagenDemos Joel Hagen's Badge Killer Demo contest entries, 'RGB' and 'Focus'. RGB was the overall winner of the contest. It requires one meg Amiga. Binary only. By: Joel Hagen FF112

haiku One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

hal9000m One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM1

halfbrite Sample program that demonstrates 'Extra-Half-Brite' mode on latter AMIGA's with new VLSI chip. Allows 64 colors in low-res mode, rather than 32. Posted to usenet by Robert Pariseau. FF1, AM1

halley One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

HAMCu Installs a custom copper list for the current active view (usually workbench) that contains all the colours from 0x000 to 0xfff. A neat effect and an easy way to show off the color capabilities of the Amiga. Includes source. Author: Jonathan Potter FF204

HAMmmm This is Phil's entry for the Badge Killer Demo Contest. HAMmmm displays lines whose end points are bouncing around the screen, which is a double buffered HAM screen. The Y positions of the points are continuously copied into an audio wave form that is played on all four channels, and the pitch of a just intoned chord is derived from the average X position of these points. Includes source in JForth. Author: Phil Burk FF118

HAMmmm2 Graphics hack that displays moving lines in a HAM screen for a hypnotic effect. Uses sound tools from HMSL, if available, for a drone sound that corresponds to the graphics image. Standalone image and source code. By: Phil Burk FF239

HamPics These are some of the most stunning digitized pictures yet for the Amiga. They were scanned at a resolution of 4096 by 2800 pixels, 36-bits per pixel, on an Eikonix 1435 slide scanner, cropped, gamma corrected, scaled, and converted to Amiga IFF HAM files. They are displayed with a special ILBM loader that handles overscan HAM images. Includes source for the display program. Author: Jonathan Hue FF196

HAMpoly A polygon drawing demo which uses HAM mode to produce polygons of any of the possible 4096 colors. Author: John Olsen FF52

hand. A program is also included for restoring the correct checksum of the Kickstart disk. AM25

Handler An example that implements an AmigaDOS Handler (device) in non-BCPL format. Author: Phillip Lindsay FF38

Handshake A full featured VT52/VT100/VT102/VT220 terminal emulator. The author has taken great pains to support the full VT102 spec. Now supports ANSI colors, screen capture and more. Version 2.12a, binary only, shareware. Author: Eric Haberfellner FF172, FF60

HandyIcons Adds a menustrip to the WorkBench window that allows you to run selected Workbench Tools by menu selection. Can be set up to provide custom environments. Current version supports only WorkBench Tools and not Projects. Binary. by: Alan Rubright FF148

Hangman A simple hangman program similar to one seen on some UNIX machines. Currently runs only from CLI. Includes source in C. Author: Gary Brant FF299

Hanoi Classical demo program for recursion. Solves the towers of hanoi problem in a workbench window of its own. Author: Ali Ozer FF54

HardCopy A neat little program that creates a hardcopy transcript of any CLI session (like the UNIX 'script' program). Includes source. Author: David Cervone FF75

harp arpegio Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Hash Small example program that computes the AmigaDOS directory hash function. Author: Neil Katin at Commodore-Amiga FF20

hauntedM One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Hawk A stereo image of a hawk. Requires red/green stereo glasses to view. Author: Unknown (no documentation included) FF206

HBHill This animation is one of Kevin's entries to the Badge Killer Demo Contest. It is the first known animation that makes use of the Amiga's 'Extra Half Brite' mode. Author: Kevin Sullivan FF126

Hd Hex dump utility using some ideas from Mike Higgin's article in Computer Language magazine, Apr 86. Formats the dump based on the natural byte ordering of the machine on which it runs. Author: David Elins at NEC Information Systems FF20

HdDriver A complete driver for a WD-1002-05 hard disk controller card. This card can handle 3 hard disks and 4 floppies, but the driver currently only handles one hard disk. Includes source. Author: Alan Kent FF98

HeadClean This program, combined with a fibre cleaning disk, can be used to clean the heads on your disk drives. Source code examples of accessing the Trackdisk device, and using gadgets are included. Standalone image with source code. Shareware. Version 2.0. Author: Phil Burk FF239

Heart3D A program to find left ventricle outlines in the output of an Imatron CT scanner, and display wireframe animations of the beating heart. Includes several sample CT scan outputs. Binary only. Author: Jonathan Harman FF236

Hed A handy little editor that is more user-friendly than 'Ed', yet doesn't require the memorization of complicated keystrokes of some of the larger, more powerful, editors. Binary only. Author: Hal Carter FF164

HeliosMouse Another 'sunmouse' type program. Automatically activates a window simply by moving the mouse pointer into the window. Version 1.1, an update to the version released on disk 94. Includes source. Author: Davide Cervone FF111

HeliosMouse Another 'sunmouse' type program. Automatically activates a window simply by moving the mouse pointer into the window. Version 1.0, includes source. By: Davide Cervone FF94

hello Demonstrates creation of a simple window, 'hello world'. Posted to usenet by Eric Lavitsky. FF1, AM3, AM4

HexCalc Nice little hex/oct/dec/bin calculator and converter. Binary only. Author: Scott Ross FF67

HexDump Modula-2 program to display memory locations in hexadecimal. AM26

hidden One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM1

Hide A small utility to allow you to run old or ill-written applications on systems with expansion RAM. When hide is running, all memory allocations take place in chip memory. Somehow, something like this missed making it onto my earlier disks. Binary only. Author: Francois Rouaix FF85

High Octane Colors: Use dithering in AmigaBASIC to get the appearance of many more colors. Author: Robert D'Asto AC5

hilbert An AmigaBASIC that draws Hilbert curves. AM11

horse whinny Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Horse&Buggy Hanson cab in an IFF picture. AM7

Horses.pic Horses in an IFF picture. AM6

Household Bryan Catley's AmigaBASIC household inventory program. In C source code and documentation. AM19

Hp A nice RPN calculator program that supports calculations with binary, octal, decimal, hex, float, and complex numbers. Other features include 32 registers for storing data and transcendental functions. Version 1.0, includes source By: Steve Bonner FF130

Hp-10c Program that mimics an HP-10c (Hewlett Packard calculator), in TDIModula2. By: Duncan Prindle FF38, AM18

HP11 Emulates an HP11C calculator including the program mode. Features an ON/OFF button that turns the calculator into an icon that will sit and wait until you need it again. This is version 1.1, an update to FF153, and includes a few bug fixes and minor changes. Binary only. By: David Gay FF274, FF153

HPMam A program to manipulate settings and fonts on HP LaserJet+ printers and compatibles. Includes an Intuition interface and some sample picture files. Version 1.0, binary only, shareware. Author: Steve Robb FF153

HR136 An IFF file containing a chart showing every possible mixture of the sixteen basic palette colors. Also included are optimized and monochrome palettes along with several tips and techniques for using them with various paint programs.By Dick Bourne FF182

HuePalette An AmigaBASIC program which explains Hue, Saturation, & Intensity. AM9

HunkPad HunkPad pads an object file out to where it is exactly a multiple of 128 bytes, thus making it immune to having garbage appended on to the end of it by xmodem type file transfer protocols. Version 2, includes source. Update to version released on disk 84. Author: J. Hamilton FF92, FF84

HyperBase Nice little shareware database management system. Version 1.6, binary only, source available from authors. Update to version on FF58. Author: Michael MacKenzie, Marc Mengel, and Craig Norborg FF131, FF58

HyperNet A small hypertext shell program for Amiga, presented with sources and brief documents. It was also submitted by Glenn Everhart, the author. HyperNet allows a 'master' AmigaDos process to control a series of connected processes, where the connections are randomly ordered directed graphs. Permissible 'child' processes available at any stage are governed by the links of the graph. The implementation is mainly instructive, yet usable for tutorials or demonstrations and illustrates the simplicity of hypertext concepts on a multi-tasking system. FF176

Hypno A 'bouncing polygons' type program like Mackie, LineArt, and Bezier. Includes source in C. Author: Markus Schmidt FF297

Hypocycloids An electronic Spirograph inspired by an article in Feb '84 Byte Author: Terry Gintz FF27

IBM2Amiga Fast parallel cable transfers between an IBM and an Amiga C program. AM1

IceFrac A fractal generator using the Diffusion Limited Aggregation algorithm, as described in the book The Beauty of Fractal Images. This is version 2.1 and includes source. Author: Lars Clausen FF303

Icon A high-level programming language with extensive facilities for processing strings and lists. Icon has several novel features, including expressions that may produce sequences of results, goal-directed evaluation that automatically searches for a successful result, and string scanning that allows operations on strings to be formulated at a high conceptual level. Icon resembles SNOBOL4 in its emphasis on high-level string processing and a design philosophy that allows ease of programming and short, concise programs. This is version 7.5 of the public domain implementation of Icon from the University of Arizona. It is an update to version 6.0 from disk 81. Binary only. Author: Ralph Griswold, Clinton Jeffery, et. al. FF277, FF81

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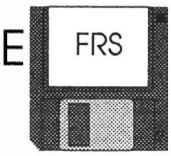

icon.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Icon2C Reads an icon file and writes out a fragment of C code with the icon data structures, for inclusion in a larger program. Author: Carolyn Scheppner FF56

IconAssembler This program loads existing WorkBench icon files and allows you to change either the primary or alternate images to another image loaded from an IFF-brush file. Binary only. Author: Stefan Lindahl FF101

IconExec These two tools allow execution of a program from a SetWindow icon without having to recompile the program. Author: John Toebes VIII FF12, AM8

Iconify A subroutine that creates an icon on the Amiga screen that can be subsequently dragged around, and double-clicked on. You can use this to have your programs 'iconify' themselves to temporarily get out of the user's way. Includes source and demo program. Author: Leo Schwab FF126

IconImage Program to replace an old icon image with a new image, without affecting icontype, drawer data, etc. Includes source Author: Denis Green FF120

Iconize Reduces the size of IFF images, companion program, Recolor, remaps the palette colors of one picture to use the palette colors of another. Using these programs and a tool to convert IFF brushes to Workbench icons, make icons look like miniatures of the pictures. AM24

Iconizer A utility program that saves your current mouse pointer to a small icon. You can restore the pointer just by double-clicking on its icon. Allows for building a whole library of pointers and to use them whenever you want. Binary only. Author: Alex Livshits FF150

Iconmaker makes icons for most programs. AM15

Iconmerger Intuition-based program to take any two brush files and merge them into an alternate-image type icon. V2.0, binary only. By Terry Gintz FF182

IconMk Iconmaker builds icons for files that were created without them. Version 1.2a, binary only. Author: Eric Levy FF71

Icons Almost 300 icons in eight (!) colors. Uses a special program to get an eight color workbench to display these icons, which were made with DPaintII and IconGen. Most icons are miniatures of the main screen of their corresponding programs, or the picture they show, made with 'iconize' and 'recolor' from FF85. by: Wolf-Peter Dehnick FF213, FF151, FF124, FF82, FF71, FF67, FF44

IconTools Here are some tools for icon tricks. Note that these tools are really hacks because they exploit some areas of the .info files that the current version of WorkBench does not clear or reset upon loading the icon. There are three programs here which allow WorkBench drawer windows to appear in non-standard colors and allow you to move the position of the file name text to anywhere in the icon's graphic. Released to the public in the hope that 1.4 will allow more flexible user customization of the WorkBench appearance. Includes source. Author: Stephen Vermeulen FF284

IconType Change the type of an icon after editing with IconEd. Types are Disk, Drawer, Tool, Project, Garbage, and Device. Includes source. Author: Larry Phillips FF69

ID-Handler An AmigaDOS device handler, that generates unique identifiers. Generates a new unique 16 digit decimal number each time it is opened by an application. Version 1.0, includes source. Author: Ed Puckett FF87

IFF Routines to read and write IFF format files. Includes program to display IFF files made by DPaint. Also see the DPSlide program on disk 11. Author: Jerry Morrison, Steve Shaw, and Steve Hayes FF10

IFF A program which converts sampled sound files from the Instruments dealer demo disks to IFF sampled sound files in a FORM 8SVX Author: Bobby Deen FF43

IFF pictures parodies of the covers of Amiga World and Amazing Computing magazines. AM16

IFF specs This disk contains a number of files describing the IFF specification. These are not the latest and greatest files, but remain here for historical purposes. They include text files and C source examples. The latest IFF spec is elsewhere in this library. AM5

Iff2Pcs An interactive puzzle program that takes any IFF file containing up to 16 colors, and breaks it up into squares to make a puzzle which the user can then piece back together again. Version 1.1 includes source. Author: Ali Ozer FF136, FF122

Iff2Ps A program to convert any IFF file to postscript for printing or viewing on a postscript compatible device Version 1.2, binary only. Author: William Mason and Sam Paolucci FF94

Iff2Sun A small utility for those of you who may have access to a Sun workstation. Takes an Amiga IFF file and converts it to a Sun rasterfile format. Update to FF174, with better parsing, support for HAM mode, and some bug fixes. Source only, as the program needs to be re-compiled and run from a Sun. Authors: Steve Berry, Mark Thompson FF223, FF174

Iffar Maintains archives of Interchange File Format (IFF) FORM, AT and LIST files in a manner that complies with the IFF CAT specification. Version 1.2, includes source. Author: Karl Lehenbauer FF162

IFFBrush2BOB by Mike Swinger. AM14

IffDump Two programs for manipulating IFF files. IFFENCODE grabs an active screen and writes it to a file in IFF format. IFFDUMP decodes information in arbitrary IFF files and prints it in a human readable form. Author: Matt Dillon FF38

IffLib A ready-to-use library to perform various manipulations on IFF files. Includes a sample IFF viewer and a utility to save the front screen as an IFF file. This is version 16.1, an update to version 15.3 on disk 173, and includes a couple of bug fixes and some new features. Binary only. Author: Christian A. Weber FF301, FF173

IFFM2 Demo version of an IFF support module for Interface Technologies M2Amiga Modula-2 system. Includes a version of ViewILBM (with source) that uses the IFF support routines. V1.0.0D, binary only. Author: Gregory Epley FF221

IFFtoSUN This program takes a standard IFF format image and translates it into a SUN rasterfile format, like the Iff2Sun program also on this disk. However, this one runs on the Amiga. V1.31, includes source. Author: Richard Frost FF223

ILBM2C Very useful utility for C-programmers. Reads in a standard IFF ILBM file and outputs a file that can then be included in your program. Includes source and a sample program. Author: Tim Kemp FF173

ILBMLib A shared library (ilbm.library) to read/write IFF files, derived from the EA IFF code, along with various enhancements. Includes examples of using the library from C code, assembly code, or BASIC, along with source for examples and interface code. Author: Jeff Glatt FF237

Image-Ed An icon editor that allows you to draw and edit images up to 150 by 90, in up to 16 colors. Allows freehand drawing, empty or filled rectangles, ellipses, and triangles, lines curves, and polygons, copy, flip about x or y axis, stretching and condensing, flood fill and complement, text with selection and loading of font style, undo, magnified and normal sized images, and two active drawing screens at once. This is version 2.2, an update to version 1.9 on disk 211. Binary only, source available from author. Author: Jonathan Potter FF242, FF211, FF204, AM4

ImageLab A program which performs image processing on IFF pictures. Includes standard image processing functions such as convolution, averaging, smoothing, enhancement, histograms, FFT's, etc. Also includes file conversion functions, a clipboard, and other useful functions. Version 2.2, binary only. Author: Gary Milliorn FF243

images Miscellaneous DPaint and digitized pictures, in IFF format. Some are rated R. FF12

ImageTools A set of shareware tools, submitted by the author, to do various manipulations on IFF images, including comparison of the color palettes of a pair of IFF images, filtering an IFF image in various ways, producing a color usage frequency chart for an IFF image, reducing the size of an IFF image to produce a miniature to use as an icon, converting an icon to an IFF image, and recoloring an IFF image using the palette of a second image, in a least squared error fashion. Shareware, binary only. Author: Stephen Vermeulen FF85

IMandelVroom A slightly modified version of Kevin Clague's mandelbrot program (on FF78) that uses his 'ring detector' to draw an approximation of the interior strange attractor contours. Binary only (with patches for original source). Author: Kevin Clague, enhancements by Howard Hull FF90

ImLate The White rabbit in HiRES color FF72

Improving Graphics: Improve the way your program looks no matter what screen it opens on. In C. Authro: Richard Martin AC5

IncRev A handy little program that will automatically increment the revision number of a program every time it is recompiled. Binary only. Author: Bryan Ford FF161

Indent This is version 1.1 of GNU Indent, a C source code formatter/indenter. Especially useful for cleaning up inconsistently indented code. Includes source. Authors: Developed by the University of California, Berkeley, the University of Illinois, Urbana, and Sun Microsystems, Inc. GNU version by Jim Kingdon, Amiga port by Dan Riley. FF262

Info Replacement for the AmigaDOS info command. Includes source. Author: Chuck McManis FF79

Ing The next step in the 'boing wars'. Turns a nice screenful of little windows into a screen of lots of bouncing little windows. Cute! Author: Leo 'Bols Ewhac' Schwab FF54

input.dev In combination with hander.interface.asm (supplied), lets a user trap keyboard or mouse events before they get to Intuition and if desired, install new (phony/ generated /other-devices-mouse-simulations) into the input stream. Handler.interface.asm is needed to convert the calling sequence performed by the input.task for the input stream management into something that a C program can understand. Author: Rob Peck 12/1/85 FF5, AM4

inputdev.txt Preliminary copy of the input device chapter. C program. AM4

Inputhandler Example of making an input handler. AM16

Insta Sound: Tapping the Amiga's sound from AmigaBASIC using the Wave command. Author: Greg Stringfellow AC3

Install Drivers A document describing the installation process for printer drivers. AM9

Install Two Possible replacement versions of the standard install program (to make a disk bootable). Includes source. Author: Bryce Nesbitt and Scott Turner FF87

InstallBeep This program replaces the DisplayBeep function so that an IFF 8SVX sound is played instead of the screen flashing. The PlayBeep function runs as a task in the background and runs asynchronously so the length of the sound does not slow anything down. Includes a couple of sample sound files. Version 1.1, binary only. Author: Tim Friest and Don Withey FF217

Instruments A collection of 25 instruments for playing and creating music. The collection ranges from Cannon to Marimba. AM23

IntuiDOS IntuiDOS is a program to give improved control over, and handling of, the material on all diskettes in the 'CLI-area' by employing a multi-disk, scrollable directory and using Intuition techniques to issue DOS commands. Written in assembler. Binary only. Author: Lennart Sandin FF103

Intuition demo An Intuition demo, in full C source, including files: demomenu.c, demomenu2.c, demoreq.c, getascii.c, idemo.c, idemo.guide, idemo.make, idemoall.h, nodos.c, and txwrite.c AM4

intuition.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

IPC An IPC (Inter-Process Communication) package, with the goal of creating a standard for IPC on the Amiga that is flexible enough to handle the widest possible range of applications. The protocol used addresses different problem areas than ARexx, and emphasizes different aspects of the communication process, such as fast communication and preservation of data structure. Includes source. Author: Pete Goodeve and Peter da Silva FF290

IPo2C A utility to write a C-language definition of the current intuition pointer to a file, which can then be used in a program via SetPointer to mimic the intuition pointer. Includes source Author: Alex Livshits FF105

IRA Allows easy calculation of future values of investment. Enter the beginning investment value, annual percentage rate, annual deposit amount, and number of years, to compute the future value. Version 2.0, includes source. Author: Joel Swank FF304

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Isam A library of routines to access relational data base systems using the Index Sequential Access Method (ISAM). This is beta version 0.9, binary only. Author: Kai Oliver Ploog FF203

ISpell A quick and dirty port of a UNIX version of a freely distributable screen oriented, interactive, spelling checker. I use the UNIX version daily and it is very nice. You will need expansion RAM to run this with the supplied dictionary, as it loads the entire 300K hashed dictionary into memory. A hard disk is also recommended. Author: Pace Willisson FF54

Ist68010 Text guide to installing a 68010 in your Amiga. AM9

JAR A shareware game (Jump And Run) using 3-D graphics. Your task is to collect the blue pills lying on the floors and steps, not to fall down or off the steps, and to avoid several monsters wandering about. You can collect various sorts of weapons to use against the monsters. Version 1.0, binary only, source available from author. Author: Andreas Ehrentraut FF242

Jask An intuition-based replacement for the ASK command. Will bring up a requester with a message and boolean yes/no type gadgets. Version 1.0, includes source. Author: John Barshinger FF177

JayMinerSlides These are the Amiga slides produced/used by Jay Miner (the designer of Amiga's custom graphics chips) in his talks about the Amiga. They are all hi-res (640 x 400) and are best displayed on a long-persistence color monitor FF19

JazzBench A drop-in multitasking replacement for WorkBench. It has more features that WorkBench and is fully multitasking (no more waiting for ZZZ clouds). It allows you to extend it, add your own menus, key shortcuts, etc. This is alpha version 0.8, binary only. Author: David Navas FF228

JeansIcons Miscellaneous cute icons created for AMUC's monthly newsletter disk. Submitted by Stephen Vermeulen. Author: Steve Jeans FF137

Jed A nicely done, intuition-based editor that is quite user-friendly. Features word-wrap, auto-indent, newcli, alt buffer, split-window, keyboard macro, help, printing, and more. V1.1, Update to FF180. Shareware, binary only. Author: Dan Burris FF297, FF180

Jimmy Disney's Jimmy The Cricketin HiRES color FF72

Jive program which transforms its standard input to 'jive' on its standard output .Author: Unknown FF46

Jobs An alternate user interface to WorkBench or CLI. Version 2.1, binary only. Author: John Sawaya FF70

join One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Journal Journal is a program that records a sequence of mouse and keyboard events as they occur and stores them in a file. The file can be played back with another program, also supplied, which causes the same sequence of events to occur again. Very useful for creating demonstrations of programs or documenting repeatable bugs. Version 1.0, binary only. Author: Davide Cervone FF95

joystick Shows how to set up the gameport device as a joystick. Reports parameters received from joystick hooked to right port. Author: Rob Peck FF5, AM4

Jpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM1

JPClock A short clock program that is just packed with features. This is version 1.2, an update to version on disk 204. Includes source. by: Jonathan Potter FF242, FF204

JPDirUtil A directory-utilities type program with many built-in commands, and 16 customisable gadgets. User configurable in many ways. Can be iconified to Workbench screen. This is version 1.11, binary only. Author: Jonathan Potter FF287

Jsh A simple command line interpreter drawing on features from the BSD C shell. Author: Jim Kent FF38

JTime Detailed instructions, including schematics in IFF format, for building and installing a battery backed up real-time clock. The clock goes on the joystick port (aka mouse port 2). Author: Michael Keryan FF65

Juggler Stunning animation of a robot juggler with ray traced reflective spheres. Uses HAM mode display and sound effects to boot! This is version 1.2 and apparently fixes some bugs in the original version released on FF47. Binary only. Author: Eric Graham FF97, FF47, AM16

Jumble A quick 'brute force' program for solving for anagrams. Not very elegant, but gets the job done. Includes source. Author: Mike Groshart FF262

JustBeeps Simple example of using Audio and Timer devices. Plays a series of beeps whose pitches are based on a just intoned tuning system. Standalone image with source code. By: Phil Burk FF239

Keep A nice little utility program with an intuition interface for BBS and network junkies who download messages in one large file and then read them off-line. Using only the mouse, you can drive through such files a message at a time, examine each at your leisure and tag those you wish to keep. Version 1.2, binary only, but source available with donation to author. Author: Tim Grantham FF149, AM25

kermit This is an absolutely ancient kermit, who's only saving grace is it is small and quite portable. On the AMIGA, there is no connect mode, only send and receive. You must log into the remote machine via one of its local terminals and point its kermit at the appropriate serial line connected to the AMIGA. Author: Unknown, but it is so hacked up it doesn't matter. FF4, AM3

keybd.c Direct keyboard reading. C program. AM4

KeyBird BASIC prog edits keymaps, adjust the Workbench keymaps or create your own. AM25

KeyBiz This little hack will make you think you have mice scurrying around in the back of your computer. Includes source. Author: Mark Schretlen FF274

Keyboard Functions to translate RAWKEY Intuition messages into usable keycodes. Includes source. Author: Fabbian Dufoe FF291, FF5

KeyCodes Shows keycodes for a key you press. ABasiC program. AM1

KeyFiler A BBS message file sorter that allows sorting by keyword. Includes a textreader, Soundex matching, and limited wildcard capabilities. Version 1.0, Binary only. By: John Motsinger FF157

KeyLock Freezes the keyboard and mouse until the correct password is typed. Protection against inquisitive kids, cats, and other lifeforms. Binary only. Author: Andry Rachmat FF81

KeyMac A keyboard macro processor that allows you to record keystrokes and then play them back. V0.1,Source in Modula-II. Author: Fridtjof Siebert FF253

KeyMapEd Allows you to change the KeyMaps used with SetMap This is a full featured editor providing support for normal, string and dead keys. The keyboard represented is from an A2000/A500 but it is fully compatible with A1000 keyboards. V1.02, includes source Author: Tim Friest FF193

KickBench Instructions and programs for creating and using a combined KickStart and WorkBench disk, so only one disk is needed to reboot. Allows the system to reboot unattended after a power failure. Requires disked from developer's disk Author: Alonzo Gariepy FF36

kickdrum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

KickFont For A-1000 owners, will permanently replace the topaz font on the kickstart disk with a font called 'look'. Includes a sample in the form of an IFF picture. V3.0, binary only. Also included is Benjamin Fuller's freely redistributable 'SumKick' program. By Greg Browne FF179

KickMem A program for A1000 hardware hackers that have done the Amazing Computing 512K upgrade. KickMem will patch your 1.2 or 1.3 kickstart disk to perform addmem during kickstart. This allows warm boot surviveability of ram disk devices and eliminates addmem commands from your startup sequence. V2.0, includes source. Author: Dave Williams FF224

Kill Removes a task and as much of its resources as possible. Can close windows, unload process code, etc. Includes source. Author: George Musser FF79

Kill.fastdir Speed up directory access, it creates a small file in each directory on a disk which contains the information about the files, will also remove all the "fastdir" files from each directory. By CLImate's authors. AM25

Killer Killer is an incredible demo written by Robert Wilt. It won fourth place in the Badge Killer Demo Contest. Requires at least one meg of memory to run. Sound is also an important part of the demo so be sure to turn it up. Binary only. Author: Robert Wilt FF115

KillReq A small program which disables Intuition's AutoRequest function. In particular, this prevents AmigaDOS from putting up system requesters, which is useful if you are operating your Amiga remotely and can't use the mouse to click CANCEL. Unlike similar utilities which affect only a single CLI, KillReq disables ALL requesters. This is version 1.0 and includes C source. Author: Eddy Carroll FF290

KingTut King Tut in an IFF picture. AM6

Klide This line art demo is Jerry's entry to the 1989 BADGE Killer Demo Contest, where it won 4th place. Klide uses line mode blitter code which is capable of rendering short vectors at a rate up to 15,000 lines/second. Binary only. Author: Jerry Kallaus FF268

Klock A menu-bar clock and date display. Executable program. AM9

KwikBackUp A harddisk backup program that writes data track by track onto multiple floppy disks. Uses the archive bit, saves and restores comments and protection flags, and skips over bad spots during restore. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

KwikCopy A quick but nasty disk copy program: It ignores errors. Executable program. AM8

L is a replacement for the BCPL 'list' program, but with some graphics enhancements. FF105

Label Simple program to print labels with arbitrary text. Version 1.3, binary only, but source available from author. Author: Mike Hansen FF96

LabelPrint A program that allows you to easily print labels for your disks. This is version 3.0, an update to version 2.5 from disk 238. Shareware, binary only (source available from author). By: Andreas Krebs FF277, FF246, FF238, FF210

Labels Alphabetic and numeric ordered cross reference lists of defined system constants. Recommended for debugging purposes only, use the symbolic values in programs! Author: Olaf Seibert FF111

LabyrinthII A shareware role-playing text adventure game similar in operation to the Infocom text adventures. Includes source. Author: Russell Wallace FF162, AC5

LaceWB The LaceWB program changes between interlace and non-interlace Workbench. Previously, you were forced to reboot after changing Preferences to an interlaced screen. This program flips between the normal and extended screen heights. AM25

Larn This disk contains a port of the popular UNIX game 'Larn', done by Edmund Burnette and the crew at the Software Distillery. This is version 12.0B. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using a command of the form 'copy df0: to df1: all'. This insures that disk fragmentation is kept to a minimum, but also has the unfortunate side-effect that all the file dates are changed. Note that this disk must be named 'Larn'. I have elected to keep that name, rather than using the usual 'AmigaLibDiskXX' convention for disks in my library, to avoid requiring users to rename the disk before using it. Also note that, as distributed, this disk is only about 40% full. Normally I try to fill my library disks to about 90-95% full, but these 'packaged' disks are special.-Fred FF63

LaserBoing This ray-traced animation with sound is Mike's entry to the 1989 BADGE Killer Demo Contest. This 'Amiga Boing' ball is just loaded with energy! Binary only. By: Mike van der Sommen FF271

Lat3.03bugs Text file lists bugs of Lattice C version 3.03. AM8

latffp Shows how to access the Motorola Fast Floating Point library from Lattice C. Also demonstrates the tremendous speedup obtained Author: Larry Hildenbrand FF1

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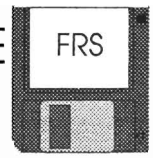

LatticeMain Text file tips on fixing _main.c in Lattice. AM8

LatticeXref A cross reference listing of all symbols defined in the Lattice 3.10 header files. Sorted alphabetically by symbol string, includes file name and line number of all references and/or definitions. Author: Fred Fish FF41

Launch Sample program showing how you can load and execute a program in the workbench environment, then return to the CLI. Includes source. By Peter da Silva FF179

Lav A 'title bar type' program that displays the number of tasks in the Amiga's run queue, averaged over the last minute, 5 minutes, and 15 minutes. Presumably inspired by, and named after, the BSD 'load average' program. Author: William Rucklidge FF54

layers Shows use of the layers library, used by Intuition to create windows (layers handles all overlapping drawing areas and keeps things straight, sending to the back, bringing to the front, making larger/smaller, etc.) Author: Rob Peck FF5

layers.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

layertes.c Layers examples. C program. AM4

LBM2Image Takes an IFF picture and generates a C source module which can be compiled and linked with your program to display the picture with the intuition DrawImage function. Binary only. by: Denis Green FF190

ld I presume this stands for 'list directory'. Lists contents of specified directory or disk, using inverse video and colors to group objects by type. Author: Dave Haynie FF10

ld4 Another directory listing program using some graphics style output. Executable only, no source available. (Downloaded from a Denver BBS) Author: unknown FF12

LedClock An extremely simple clock program, for interlaced screens only. Includes source. Author: Ali Ozer FF128

LeftyMouse Swaps the functions of the left and right mouse buttons so that Lefties can use the mouse with their left hands. Includes source. Author: Rob Eisenhuth FF229

Legends Fantasy Characters in HiRES color FF72

Leggo My LOGO: A Logo program that generates a Christmas tree with decorations. Author: Mike Morrison. AC7

Lemacs Microemacs version 3.6 as enhanced and supported by Daniel Lawrence. This version works and has been tested on UNIX V7, BSD 4.2, Amiga, MS-DOS, and VMS. Enhancements include overwrite mode, support for Amiga function keys, reverse video status line, numeric arguments using <ESC><number>, replace, buffer specific editing modes, word wrap mode, goto-line, buffer rename, insert-file, execute named command, describe bindings, startup files, and more. Author: Dave Conroy, enhancements by Daniel Lawrence FF22

Lens This program magnifies a small area surrounding the pointer and displays it in a separate window. Version 1.0, binary only Author: Ned Konz FF70

Less Like UNIX 'more', only better, with forward and backward scrolling, searching and positioning by percent of file and line number, etc. Now lets you also print the current file. Very useful! This is Amiga version 1.3, an update to the version on FF92. Includes source. Author: Mark Nudelman, Amiga port by Bob Leivian FF149, FF92, FF74, FF34

Lex A program (not to be confused with the UNIX lex program which is a lexical analyzer generator) which computes various readability metrics for text files. Computes Gunning-Fog, Flesh, and Kincaid indices. Author: Jeff Sullivan FF36

Lexical Analyzes a text file and gives the Gunning-Fog, Flesch, and Kincaid indices which measure readability. AM26

LGZ A Map generator/editor for the LGZ game. Not extremely useful if you don't happen to play that game, but good source example of intuition interfacing. Vesion 0.1. Authors: Lars and Henrik Clausen FF161

LHArc An archive program like Arc and Zoo, with a heavy emphasis maximum compression for minimum archive size, using LZHUF compression. This is Amiga version 1.0 (compatible with MSDOS version 1.13). Binary only. Author: Paolo Zibetti FF289

Lhwarp A program which will read tracks directly from your floppy disk, compress them using adaptive huffman encoding, and output them to a file. The resulting file can be used by lhwarp to reconstruct an image of the original disk. This is version 1.20, an update to version 1.03 on disk 295. New features include much faster compression/decompression, a 32-bit CRC, and two additional compression methods. Binary only. Author: Jonathan Forbes FF305, FF245

LibDir This program lists hunks in an object file. Executable program and documentation. AM8

Library Demo version of a shareware program that stores textual information without regard to structure or content, and allows complicated searching for specific patterns. Written in assembler for speed, binary only. Author: Bill Brownson FF134

Library HiRES BW picture of an traditional structure FF72

LIBREF Utility for generating run-time library link library assembly files, lvo.asm, and the run-time library's vector list. Currently very Aztec in terms of what it generates. FF168 & 169

LIBS V1.00 List libraries/devices in ram or attempt to remove libraries. FF168 & 169

License Text, License information on Workbench distribution license. AM4

Life A new version of Tomas's Life game. This version includes a new torus option, an option to perform calculations with the processor rather than the blitter, and a couple of other minor changes. This is an update to the version on disk 131, includes source. Author: Tomas Rokicki FF306, FF131, FF31, AM9

Life-3D A 3D version of the classic cellular-automaton game. Shareware, author suggests $20 donation. Version 1.2, binary only. Author: Bob Benedict FF70, AM18

Light A version of the Tron light-cycle video game. AM15

Lighthouse A lighthouse in an IFF picture. AM6

LineDrawer Makes a line drawing based on drawing commands stored in a text file. Includes a demo that draws an outline map of the USA and state borders. Version 1.0, includes source Author: John Olsen FF96

Lines A color line pattern generator, adapted from Mackie. Version 1.1, includes source. Author: Joel Swank FF304

Lines A line drawing demo program, reminiscent of the 'sparks' program on disk #9. Author: Paul Jatkowski FF41

LinesDemo A demo program which illustrates the use of proportional gadgets to scroll around in a superbitmap window. Posted to usenet by Barry Whitebook @ Commodore-Amiga MemExpansion Schematics and directions for building your own home brew 1 Mb memory expansion. By: Michael Fellinger FF27

Linstrom Some miscellaneous small programs from the Linstrom family. Includes some basic games, some programs based on algorithms from the Computer Recreations column in Scientific American (demon, turmites, mountain), and a fish tank simulator. Includes source. Author: Lloyd Linstrom and family FF251

List INSTR Program to list the instruments DMCS will not load as well as list the origins for any instrument. AM23

ListScanner A nice little utility to display all the Exec lists. Somewhat like the Xplor utility from FF 73. Includes source in assembler. Author: Heiko Rath FF139

Lit Lit filters a file to stdout, showing all characters in an unambiguous format. Printable characters are printed as is, non-printable characters are printed in any of three representation formats. Version 2.0, includes source. By: Donald Irving FF73

Little Smalltalk It is a port of Timothy Budd's Little Smalltalk system, done by Bill Kinnersley at Washington State University. I filtered all the text files in the sources, docs, and examples directories through a program to remove extraneous CR (^M) characters from the end of each line. This also makes the files conform to standard Amiga and UNIX line delimiter conventions. I hope this didn't break anything else in the process. I have added the file sources/Makefile to help people who want to recompile the sources. It uses my ccfrontend. I was able to compile and link an executable that was almost the same size as the one Bill provided (100 bytes smaller) using Manx 3.20B in 16-bit int mode, but it aborted immediately with an error message, so beware.- Fred. FF37

Lmv This shareware program, submitted by the author, is called 'Long Movie'. It loads up to 100 IFF graphics files and displays them in forward or reverse order, at up to 19 frames per second, to create computer animations for VCR recording. Binary only, source available from author. Author: Jim Webster FF73

LoadImage An IFF ILBM reader that accepts overscanned pictures, allows you to scroll around in the bitmap if the picture is larger than the current display, works on both PAL and NTSC machines, supports color cycling using interrupt code, and supports printing of image portions. Version 1.9, includes source. Author: Olaf Barthel FF281

LoadIt prog to load a file into memory until a reboot. (Only the most esoteric hackers will find LoadIt useful.) AM24

LockMon Find file locks. Useful for discovering if programs properly clean up after themselves. Author: Dewi Williams FF19

Logo A logo interpreter, with user interface like the Apple II logo. Shareware, author suggests $5 donation. Author: Gerald Owens FF70, AM18

LollypopLady Famous Lady with lollypop picture which caused so many people to purchase the Amiga for its graphics. An IFF picture. AM7

LookFor A general 'find that file' utility which is handy for hard drives, multiple drives, and multilayered paths. Includes source. Author: Mark Schretlen FF274

Lotto Lotto is designed to replace your user group's old shoebox full of membership numbers and names and add some pizzaz to the process of drawing for doorprizes at club meetings. Includes source. Author: Mike Groshart FF262

LowMem Another fine freely redistributable product from ASDG. This one is a low memory server, which is a compact shared library which allows arbitrary processes to register their desire to be notified of impending memory shortages. This allows good citizen programs to free up memory that they may not need, so other programs can use it. Binary only. Author: Perry Kivolowitz FF85

loz One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

LPatch Patch for programs, such as 'Atom', with bad 1.0 Lstartup code, which abort during startup under 1.2 with 00038007 alert (can't open DOS library). Includes source. Author: Carolyn Scheppner FF61

LPE LaTeX Picture Editor is a graphical editor for producing 'pictures' for the LaTeX system, which may be imported by LaTeX. You can draw boxes, dashed boxes, lines, vectors, circles, boxes with centered text, and plain text. This is version 1.1, an update to version 1.0 on disk 243, and includes some new drawing tools, enhanced user interface features, optimized code, and some bug fixes. Binary only. Author: Joerg Geissler FF277, FF243

Ls Version 3.1 of the popular UNIX style directory lister. This is an update to version 2.0 from disk 178, and includes some bug fixes, support for multiple wildcard pathnames, quicker sorting, a best-fit output, new output width and height options, and some other new features. Includes source. Author: Justin V. McCormick. FF236, FF178

ls Minimal Implementation of UNIX ls. Demonstrates use of UNIX style file name pattern matching code. Author: Rick Schaeffer FF10

M2Amiga Demo version of the final product M2Amiga. A fast single pass Modula-2 compiler with editor, linker, a small set of interface and standard libraries. Compiles only small demo programs by limiting codesize and imports. Further development of the ETHZ compiler on FF24. Binary only. Demos with source. Authors: R. Degen, C. Nieder, M. Schaub, J. Straube (AMSoft) FF113

M2Error M2error can be used to display compile errors produced by the TDI Modula-2 compiler, like the m2error supplied by TDI. Includes source. Author: Richie Bielak FF79

M4 A UNIX M4 look-alike macro processor intended as a front end for Ratfor, Pascal, and other languages that do not have a built-in macro processing capability. Pd M4 reads standard input, the processed text is written on the standard output. Author: Ozan S. Yigit (oz) FF160

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MacFont A conversion tool to convert Mac fonts to Amiga fonts. Binary only. Author: John O'Neill and Rico Mariani FF138

MachII A 'mouse accelerator' program that also includes hotkeys, the features of sun mouse, clicktofront, popcli, title bar clock with a bbs online charge accumulator, and more. This is version 2.6, an update to version 2.4c on disk 163. Binary only. Author: Brian Moats FF254, FF163, FF130

Machine A neat new animation from Allen Hastings. Author: Allen Hastings FF109

Mackie A versatile cli/macro-key initiator based on POPCLI with a unique method of screen-blanking. I won't say more, just try it! This is version 1.4, an update to version 1.3 from disk 267. Includes fixes to work with latest WShell and the new 'never' keyword. Includes source. Author: Tomas Rokicki FF305,FF267, FF189, FF187, FF161, FF130

macros.i Assembler include files. AM5

MacView Allows viewing of a standard MacPaint picture file in either Amiga low resolution (320 x 200) or high resolution (640 x 400). Executable only. Author: Scott Evernden FF32

MacView Allows viewing of standard MacPaint picture files in either Amiga low resolution (320 x 200) or high resolution (640 x400). Executable, sample pictures, and icons (version on disk 32 did not include pictures). Author: Scott Evernden FF35

madlib A mad lib story generator in AmigaBASIC. AM11

mailtalk A talking mailing list program in AmigaBASIC. AM11

Make A simple 'make' programming utility, C program in C source code and executable. AM2

make Subset of 'UNIX' make command. Useful, but does not have many of the features of the full make, much less the newer 'augmented make' Author: Landon Dyer FF2

Make Another version of make that seems to be more complete than many other PD makes. Author: Unknown, downloaded from the Software Distillery FF45

Make Public domain make from mod.sources, Volume 7, number 91. It has been cleaned up, Manx'ified, and some new features added, by Steve Walton. Includes source. Author: 'caret@fairlight.OZ' FF69

make2 Another make subset command. Author: Marc Mengel FF2

MakeIcon This program will make an icon (.info file) using image data from either another icon, or an IFF picture file. The image data is drawn on the screen so you can see exactly what your icon will look like. You can also go the other way, and make IFF files from icons, which can then be loaded into a standard IFF graphics editor. Version 1.1, binary only, source available from author. Author: Paul Blum FF255

Makemake Reads C source files and constructs a vanilla makefile in the current directory. Includes source. Author: Tim McGrathm FF74

MallocTest A malloc/free test program that allocates and frees randomly sized pieces of memory with random lifetimes, and fills them with patterns that can be checked for corruption. Useful for beating on your vendor supplied memory management routines, or possibly as a poor man's memory test program. Includes source. Author: Neil Webber FF66

Man A program similar to the UNIX 'man' program. Displays information about a topic from manual pages. Does not include any database of topics, you have to supply your own. Version 1.2, includes source. Author: Garry Glendown FF241

Mandala A mandala graphic program with sound, sort of Eastern music. Binary only. Author: Unknown FF67

Mandel Mandelbrot set program, C program in C source code and executable. AM1

mandel One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Mandel Another mandelbrot generator program, with bits and pieces of code from C. Heath and R.J. Mical. This is V1.3, an update to FF111. New features and improvements include an ARexx interface, coordinates in sight, more state info saved with a picture, batch files, programmable functions, and more plotting options. Includes source. Author: Olaf Seibert FF218, FF111

Mandelbrot A fast Mandelbrot rendering program that uses some of the mathematical properties of the Mandelbrot set to greatly reduce the drawing time. Demonstrates graphics programming, assembly language, menus and IFF file I/O. Standalone image with source code. Author: Nick Didkovsky FF239

Mandelbrot Latest version of Robert French's mandelbrot program, version 3.00 Author: Robert French FF31, FF4

mandelbrot Latest and greatest mandelbrot program. New features include the ability to save images in 'IFF' format, for reading into Deluxe Paint or other programs that use IFF. Also includes code from GraphiCraft to handle color palette and change colors at will. Many additions by RJ Mical. Author: Robert French FF5

Mandelbrot Set Explorer This is a copy of Thomas Wilcox's Mandelbrot Set Explorer disk. To run from CLI: 1) cd dfX: (where X is drive containing disk)=2) mse. To run from Workbench: 1) Click on MSD icon. It contains extensive on-line help information, unlike other Mandelbrot programs distributed in this library. It also is capable of displaying some very pretty hi-res pictures in interlace mode. FF21

MandelBrots Some mandelbrot images submitted for the 'mandelbrot images contest' some months ago. Only three people submitted mandelbrots and these were among the most interesting. FF20

MandelMountains A program that renders three-dimensional images of blowups of the Mandelbrot set. Includes several example images. Version 1.1, shareware, binary only. Author: Mathias Ortmann FF295

MandelVroom A Mandelbrot/Julia-curve generating program that features five numerical generators (integer, ffp, ieee, 020, and 020/881) in hand-crafted assembly for maximum speed, online mouse selectable help for all functions, generation of multiple pictures simultaneously, a sophisticated user interface with shaded gadgets, etc. Some of the other features include zoom, magnify, color-cycling, contouring, auto-contouring, histogram, statistics, presets, extra-halfbrite support, overscan, orbits, pan mode, and more. Requires 1Mb or more of memory. This is V2.0, an update to FF78. Source is available on FF214. A compiled binary, along with help files and example images, can be found on FF215. by: Kevin Clague FF215 & 214, FF78

mandlebrot One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

mandrill A gorilla in an IFF picture. AM6

MarbleMadness.pic A screen from Marble Madness. AM6

MarbleSlide The aim of this game is to build a slide on a 10 x 11 board of pieces that move around, allowing the marble to reach the goal piece. You play against time. Also includes a board editor to build custom boards. Binary only. By: Peter Handel FF283

Marge A simple CLI utility to add a specified number of spaces or tabs to the left side of every line in a file. Includes source. Author: Joel Swank FF177

Marilyn HiRES BW collection of Ms. Monroe FF72

marimba Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Marketroid Marketroid is Leo's entry for the Badge Killer Demo Contest. It is another devious sprite oriented demo with lots of 'in' jokes. Runs on a 512K machine. Includes source. By: Leo Schwab FF115

Martian The Bugs Bunny Martian in an IFF picture. AM6

Match-stuff Heavy duty text pattern matching stuff. The pattern syntax is an extension of standard AmigaDOS filename matching. Also includes some simply matched text replacement capability. Includes source. Author: Pete Goodeve FF102

mathffp.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

mathieeedoubas.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

mathieeesingbas.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

mathtrans.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Matlab A FORTRAN package (MATrix LABoratory) developed by Argonne National Laboratories for in house use. It provides comprehensive vector and tensor operations in a package which may be programmed either through a macro language or through execution of script files. Supported functions include sin, cos, tan, arcfunctions, upper triangular, lower triangular, determinants, matrix multiplication, identity, hilbert matrices, eigenvalues, eigenvectors, matrix roots, matrix products, inversion, and more. Amiga specific features include workbench startup, polar plots, contour plots, enhanced plot buffer control, and algorithmic plot display generation. Includes source in FORTRAN. Author: Cleve Moler, Jim Locker FF267

Maze A couple of very nice demos for the creation and use of single-solution mazes, one of which is practically a stand-alone game. Includes source. Author: Werner Gunther FF171

Maze An example of a fully re-entrant maze generation program written in assembly language using Manx's assembler. Includes source. Author: Michael Sinz FF248, FF218

MC68010 Complete information package for upgrading an Amiga to use an MC68010 in place of the MC68000. Includes a software fix that makes this transparent to user programs that use instructions that are privileged on the 68010 Author: Thad Floryan FF18

mCAD An object-oriented drawing program, version 1.2.2. Uses a small set of graphics primitives (like 'line', 'box', and 'text') and a small set of editing functions (like 'move', 'size', and 'rotate'). While drawing and editing, the user can call on other functions to modify the display; to zoom in, slide around, superimpose a grid, etc. This shareware program was submitted by the author. Many improvements over the version released on FF56. Binary only. Author: Tim Mooney FF59, FF56

meadows3D A 3D graphics program, from an AC™ article, in AmigaBASIC. AM11

Mean18 Two Mean 18 custom golf courses by Joel Swank FF304

MED A music editor much like SoundTracker. A song consists of up to 50 blocks of music, which can be played in any order. Editing features include cut/paste/copy tracks or blocks, changing the vibrato, tempo, crescendo, and note volume. Other features include switching of the low-pass-filter on or off on a per song basis, and a cute little animated pointer of a guy doing 'jumping jacks' in time to the music! This is version 1.12, binary only. Source for a player program included. Author: Teijo Kinnunen FF255

Med Yet another Amiga text editor. This one lets you edit up to 36 files simultaneously and makes extensive use of the mouse. This is version 2.1, binary only. Author: Francois Rouaix FF60

MegaWB A program that makes it possible to make your WorkBench screen as large as you like. Version 1.2, Source in Modula-II. By: Fridtjof Siebert FF253

Melt Another display hack from the master himself... Includes source. Author: Leo Schwab FF66

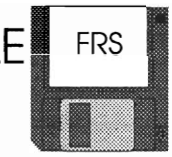
MEmacs Another Emacs, more oriented to word processing. In C source code and executable program, and documentation provided. AM9

MemBoardTest Originally designed for production testing of A1000 memory boards. Very nice intuition interface. Version 2.4, Includes source in Modula. Author: George Vokalek FF158

MemClear Walks through the free memory lists, zeroing free memory along the way, and coalescing memchunks that have contiguous address spaces. Includes source. by John Hodgson FF58

MemDiag Memory diagnostic program to identify addresses which produce memory errors, and a memory quarantine program which removes such defective addresses from the system's free memory list, until the hardware errors can be corrected. Version 1.1, includes source. by: Fabbian Dufoe FF214

MemFlick Treats all the memory in your Amiga as if it was part of a bitplane inside a graphics display. Provides sort of a graphical picture of your memory usage. Binary only. by : Jim Webster FF206



MemGauge A tool to display the current memory usage, very much like the usage bar Workbench displays in root directories. V1.4, includes source. Author: Olaf 'Olsen' Barthel FF222

MemLib A link library of routines to aid in debugging memory problems. Works with Lattice C 5.0 and possibly with earlier versions. It's features include trashing all allocated memory, trashing all freed memory, keeping track of freed memory with notification if it is written to, notification of memory freed twice or not at all, notification of overrunning or underrunning allocated memory, generation of low memory conditions for testing purposes, and identification of violations of memory use by filename and line number of the allocating routine. Includes source. Author: John Toebes and Doug Walker FF240

MemoPad A shareware intuition-based memo reminder program. Nicely done. Update to version on FF 146, version 1.2, binary only. Author: Michael Griebling FF160, FF146

Memory Squares: Test your memory with this AmigaBASIC game. Author: Mike Morrison AC5

MemoryClock A clock program that shows the amount of free fast ram, free chip ram, as well as the time and date. Includes source in assembly code. By Roger Fischlin FF188

MemTrace Routines to help debug memory allocation and freeing during program development. Will complain if you try to free memory you didn't allocate and will report on memory not freed when your program finishes. Author: Jojo Wesener FF163

MemView Program which sets up a direct window into RAM, thus dynamically displaying the contents of memory. Author: Leo Schwab FF33

MemWatch Memwatch is a program intended to sit in the background and watch for random trashing of low memory by an application under development. If it detects a write to low memory, it repairs it to what used to be there, then puts up a requester indicating what damage had been done. Very useful! Version II, includes source. Author: John Toebes FF87, FF48

menu One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM1

MenuBuilder A program which automates the process of building menus. It takes a simple text file and generates a C source file with all the needed structures for linking with the rest of your program. This is version 1.0, and includes source. Author: A. Preston FF65, AC7

menudemo A demo of Intuition menus called 'menudemo', in C source. C program. AM5

menuEd A menu editor that produces C code for menus. Executable program and documentation. AM12

MenuEd: A menu editor that allows you to easily create menus. The program then generates C code that you can use in your own programs. Author David Pehrson AC1

MenuEditor Create and edit menus, saving the result as either a binary file for further editing or as C source for inclusion in a program. Author: David Pehrson Author's suggested shareware donation: $15 FF30

Menus Learn about Intuition menus, a John Draper Amiga Tutorial. AM2

MergeMem Program which attempts to merge the MemList entries of sequentially configured RAM boards. When successful allows allocating a section of memory which spans board boundries. This is version 2, an update to the version released on disk 56. Includes source. Author: Carolyn Scheppner FF95, FF56

MFF-Demo Demo copy of the MicroFiche Filer program from Software Visions Inc. The MicroFiche File is a full-powered database program for manipulation of text, numbers, and pictures. It uses the microfiche metaphor for dealing with your data graphically. This is a full production version except that the save option has been disabled. Includes a sample database of my disk library. Binary only. Author: Gary Samad FF89

MFF-Update A text import utility for MicroFiche Filer (demo version released on disk 89) and updates to some PD disk library databases. Binary only. Author: Gary Samad FF103

MFix A small program to insert in the startup-sequence of the commercial program, Marauder II, from Discovery Software, International. Whenever the copy process is started, the rainbow screen is covered by a bare screen until the copy is finished. The author claims a 25% decrease in copy time is achieved. Version 1.0, binary only. Author: Stephen Gunn FF172

MForgeRev Text of a user's view of MicroForge hard drive. AM8

Mg1b A version of Mg1b with an ARexx port and other improvements by Tomas Rokicki. Finally you can define macros and bind them to function keys in your startup file! Includes source. Author: Various; enhancements by Tomas Rokicki FF131

MicroEMACS Version 3.10 of Daniel Lawrence's variant of Dave Conroy's microemacs. This is an update to the version released on disk 119. New features include multiple marks, more function key support, a better crypt algorithm, and end-of-word command, a command line switch for setting environment variables, new hooks for macros, a command to strip trailing whitespace, international-zation features like foreign language message support, horizontal window scrolling, much faster search algorithm, Amiga intuition support, and more. Includes source and extensive online documentation. Author: Dave Conroy, MANY enhancements by Daniel Lawrence FF195, FF147, FF119, FF93, FF61, FF6, FF2

MicroEmacs This disk contains a significantly enhanced version of microEmacs based\on the version 30 release posted to usenet's mod.sources news group. Previous versions of microEmacs released on these disks derived from a very old version of microEmacs. The author has cleaned up lots of loose ends and restructured major parts of the code. Other people have added support for termcap, ports to other machines and operating systems, and a limited GNU emacs compatibility option. Because recipients of this disk might wish to run this new microEmacs on other machines in addition to the Amiga, I have included all sources that were available to me at the time of release. The sub directories which give alternate implementations are: Sys/Vms System modules for VAX VMS Sys/Atari System modules for Atari ST Sys/MS-DOS System modules for MS-DOS Sys/Cpm86 System modules for Cpm Sys/ Amiga System modules for Amiga Sys/ Ultrix System modules for Ultrix/BSD4.2 Sys/SysV System modules for UNIX System V Tty/Atari Terminal driver for Atari ST Tty/7300 Terminal driver for AT&T UNIX PC (7300) Tty/Intuition Terminal driver for Amiga using Intuition Tty/Termcap Terminal driver using termcap for UNIX Tty/Ansi Terminal driver using ANSI codes Tty/AmigaDOS Terminal driver for Amiga using just AmigaDOS Tty/Heath Terminal driver for a Heath terminal. Please send any enhancements to rtech!daveb, or to me and I will see that he gets them.- Fred FF23

MicroGNUEmacs MicroGNUEmacs(MG 2b) contains many additions and enhancements since the original works by Dave Conroy (credit belongs to all contributors and Beta testers. Note: Amiga specific source code files and the document files have been archived. An executable copy of the PDS archive program 'Zoo' is in the 'c' directory FF147, FF101, FF68, FF6

MicroSPELL MicroSPELL is a standalone spelling checker which scans text files and reports on misspelled words. It has a 1000 word 'common word' list, a 43,000 word main dictionary, and supports multiple user dictionaries. Also interfaces quite nicely with MicroEMACS 3.9, with an emacs macro to step through the source file, stopping at each suspect word and allowing the user to dispose of it in different ways. Version 1.0, includes source. Author: Daniel Lawrence FF101

MIDI Make your own MIDI instrument interface with documentation and a hi-res schematic picture. AM13

MIDI A midi library and utilities set. This looks like a very complete package, though I have no way of testing anything since I have no MIDI hardware. The MIDI utilities include a MIDI monitor to display incoming MIDI messages to the console, a routing utility, a MIDI library status utility, and more. Also includes source. Author: Bill Barton FF101

MIDI Out: A MIDI program that you can expand upon. Written in C. Author: Br. Seraphim Winslow AC3

MidiLib A disk based library that permits sharing of the serial port by MIDI applications through a MIDI message routing and processing system. The midi utilities include a midi monitor to display incoming midi messages to the console, a routing utility, a midi library status utility, and more. V2.0, an update to FF101, and includes significant speed enhancements, new utilities to play with MIDI files, and updated utilities, documentation and examples. Binary only (source for examples and bindings however). Author: Bill Barton FF227

MIDIsoft A program to transfer sound samples between the Amiga and a Roland S-220. V1.0, binary only. Author: Dieter Bruns FF199

MIDITools A group of several different utility programs for those who run a MIDI system. Binary only. Author: Jack Deckard FF159

MidiTools Simple programs to play and record through the MIDI I/F. Untested (I have no MIDI hardware). Author: Fred Cassirer FF54

MigaSol A game of solitaire. AM15

MileStone Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

mindwalker Text clues to playing the game well. AM12

minipaint One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

MinRexx A simple ARexx interface which can be easily patched into almost any program. Includes as an example the freedraw program from FF1. Includes source. By Tomas Rokicki FF188

MirrorWars A new game featuring sound, title music, and two player mode. You fight your opponent via laser rays, but beware of the mirrors reflecting your shots. Binary only. Author: Oliver Wagner FF235

Mischief This little program is in the long tradition of 'display hacks'. It uses the input.device to perform various acts of mischief. Includes source. Author: Olaf 'Olsen' Barthel FF222

MiscUtils Some small sound and screen hacks. Includes source in C. Author: Jorrit Tyberghein FF302

Missile A nice 'missile defense' game. Written 100% in assembler (source available from author) and is very fast! Author: Glen Merriman FF50, AM16

Mklib Another example of building a shared library that evolved from 'Elib' FF87. Also included is a library, Edlib, which contains several functions not included in the Manx standard libraries. Includes source. By Edwin Hoogerbeets with C-functions from several different authors FF183

Mlist Mailing list database. AM25

ModemPins Text description of the serial port pinout. AM1

Modula-2 trails a moving-worm graphics demo in Modula-2. AM11

Modula-2 A pre-release version of the single pass Modula-2 compiler originally developed for MacIntosh at ETHZ. This code was transmitted to the Amiga and is executed on the Amiga using a special loader. FF24

ModulaTools Various useful routines for those programming in Modula on the Amiga. Update to version on FF 94, includes source. Author: Jerry Mack FF138, FF94

moire Draws moire patterns in black and white in a borderless backdrop window. Currently only runs with Lattice C version 3.02, when compiled with 3.03 crashes the system. Author: Scott Ballantyne FF9, AM1

Mon A machine code monitor/debugger program for the Amiga which is re-entrant and can be made resident. This is version 1.24, binary only. Author: Timo Rossi FF310

Money Try to grab all the bags of money that you can. AM15

MonIDCMP MonIDCMP lets you monitor the IntuiMessages that pass through an IDCMP window. It prints the message class, mouse coordinates, qualifier values, and other useful information when appropriate. Great for debugging applications and for snooping around in the inner workings of other programs. Includes source. Author: Davide Cervone FF108

Monolace CLI program resets Preferences to several colors of monochrome & interlace screens. C source is included, works with DisplayPref, a CLI program which displays the current Preferences settings. AM24

Monopoly A simulation of the Parker Brother's board game MONOPOLY. Binary only, source available from author. Author: Ed Musgrove FF251, FF15

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MonProc An enhanced version of the process packet monitoring program from FF69. Includes source. Author: Phillip Lindsay, enhancements by Davide Cervone FF79, FF69

Moose Random background program, a small window opens with a moose resembling Bullwinkle saying witty phrases user definable. AM24

More Requestors: Using system calls in AmigaBASIC to build requestors. Author: John Wiederhirn AC6

MoreArt A small selection of some additional Amiga artwork submitted to me since the last 'art' disk. Authors: Dana Dominiak and Larry Zasitko FF106

MoreColors A way to get more colors on the screen at once using aliasing. ABasiC program AM1

MoreIsBetter These two hacks make MORE more useful. One is called V; it's a small 'pure' CLI command that acts as a front end for More, causing it to create its own window. Make V and More both resident! The other is Fenestrate, which surgically alters the CON: window spec inside More enabling it to, for instance, use ConMan features to create a borderless window on the topmost screen (very useful with CLImax). Includes source. Author: Paul Kienitz FF224

MoreRows A program to make the workbench screen larger than normal. The number of additional rows and columns are set via command line arguments. Author: Neil Katinand Jim Mackraz FF54

Moria A single player dungeon simulation. The object of the game is to defeat the Balrog, which lurks in the deepest levels of the dungeon. You begin at the town level above the dungeon, where you may acquire supplies, weapons, armor, and magical devices by bartering with various shop owners, before descending into the dungeon to do battle. Amiga enhancements include pull down menus, graphics mode, pickup mode, a continuous move mode, a real time mode, a message wait time mode, as well as other modifications to improve overall playability and to take advantage of the unique features of the Amiga. V3.0, binary only, requires at least 1Mb of memory. Author: Robert Alan Koeneke and others. Amiga version by Richard Henderson and others. FF194

Morri Morri in LoRes FF72

Most: Text file reader that will display one or more files. The program will automatically format the text for you. Author: Russell Wallace AC5

mostriper One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Mount Mandelbrot A 3D view of a Mandelbrot set. AM12

Mounted A little program to run from CLI scripts to find out if a disk is mounted or not. Includes source. Author: Peter DaSilva FF79

mouse One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

mouse Shows how to set up the gameport device as a mouse so that hooking up the mouse to the right port gives access to mouse information. Author: Rob Peck FF5

mouse pointers Amicus 26 contains a group of mouse pointers and the Workbench program to display them. AM26

MouseBounce A short hack/game that makes your mouse pointer bounce around the screen. The object is to close the MouseBounce window and exit the game. Each time you click the mouse button, the pointer speeds up. Includes source. by: Jonathan Potter FF204

MouseClock A clock and free memory display utility that generates a small display tied to your mouse, using two hardware sprites as the display area. Version 1.2, includes source. Author: Olaf Barthel FF279, FF69

MouseCoords A small assembly utility which shows you the current position of the mouse pointer. Can be 'jumped' to operate on any screen. Includes source in assembly. Author: Jonathan Potter FF287

MouseOff Enhanced and smaller version of MouseOff released on FF73. MouseOff will cause the mouse pointer to disappear and then reappear if mouse movement is detected. Includes source. Author: Denny Jenkins, reworked by Tom Smythe FF75, FF73

MouseReader Shareware program, submitted by the author, to read text files and view IFF files using only the mouse. Binary only. Author: William Betz FF97

mousetrack A mouse tracking example in hires mode in AmigaBASIC. AM11

MouseUtil Intuition based program to allow you to change your mouse speed without having to go through preferences. V1.1, includes assembly source. By Luciano Bertato FF184

mousport.c Test mouse port. C program. AM4

MovePointer Moves the pointer to any specified location on the screen, specified by X-Y coordinates. Includes source. Author: 'Cewy' FF87

MoveWindow Move a named window to any arbitrary X-Y coordinate and possibly resize it at the same time. Includes source. Author: 'Cewy' FF87

MovieGuys.pic A still from an old movie in an IFF picture. AM6

Movies A RAM animation system with three different example animations; Kahnankas, Rocker, and F-15. Kahnankas won a close second in the Badge Killer Demo Contest. Both Kahnankas and Rocker run on a 512K Amiga and show off overscan HAM mode. Includes a animation player program (movie), animation builder programs (dilbm, pilbm), and a text/graphics display program (vilbm). Authors: Eric Graham and Ken Offer FF116

MRARPFile Extended ARP file support package that adds an orthogonal set of routines which support generalized I/O with resource tracking while using the ARP library. Includes source. Author: Mark Rinfret FF281

MRBackUp A hard disk backup utility that does a file by file copy to standard AmigaDOS floppy disks. Includes an intuition interface and file compression. This is version 3.3e, an update to FF270, to fix a serious bug in that version. Binary only. By: Mark Rinfret FF279, FF270, FF170, FF129, FF128

MRMan A package which contains an Amiga document reading system similar to the 'man' command on UNIX systems. It offers a high degree of flexibility in the naming and placement of document files on your system. This is version 1.0 and includes source. Author: Mark Rinfret FF281

MRPrint A detabbing print utility that sends text files to either the printer device or the standard output. Besides expanding tabs, it will also generate page headers, line numbers, and new margins. Version 3.4, includes source. By: Mark Rinfret FF279, FF167

ms2smus converts Music Studio files to IFF standard 'SMUS' format. AM16

MSDOS A program to list files written in standard MS-DOS or Atari ST format. The files can then be copied to RAM and rewritten to disk in Amiga-DOS format. Binary only, Shareware, Version 0.1. Author: Frank W|bbeling FF158

MSizer A program that allows you to resize a window from any corner when holding down the left mouse button and the left Amiga key. Includes source. Author: Khaled Mardam-Bey FF285

MTV The Dire Straits moving company in an IFF picture. AM6

MuchMore Another program like 'more', 'less', 'pg', etc. This one uses its own screen to show the text using a slow scroll. Includes built-in help, commands to search for text, and commands to print the text. Works with PAL or NTSC, in normal or overscan modes. Supports 4 color text in bold, italic, underlined, or inverse fonts. Version 2.5. Includes source in Modula-II and assembly code. Author: Fridtjof Siebert FF253, FF234

mult Mult reads the input comparing adjacent lines. In the normal case, the second and succeeding copies of repeated lines are output, and the remainder of the lines are removed. Repeated lines must be adjacent in order to be found. Options are present to output the first of multiple lines, for comparing adjacent lines by field only, and for specifying the field separator character. Kind of the opposite of the UNIX 'uniq' program. Author: Dennis FF6

Multi-Forth: Implementing the ARP library from Forth. Author: Lonnie A. Watson AC6

Multic Formats a single column of input into multiple side by side columns. Includes source. Author: Joel Swank FF304

MultiCalc Yet another RPN type graphic calculator. This one generates answers with extreme precision (if 3000 digits is enough!) Features a 48-digit scrollable display, mouse driven with lots of keyboard shortcuts, and iconification during non-use. Binary only. Author: Kenneth Johnson FF166

Multidef A program to scan a collection of object and library files and identify multiply defined symbols. This is useful to locate subtle problems where user defined symbols override library symbols. Author: Paul Jatkowski FF49

Multidim Lets you rotate a 2 to 6 dimensional 'cube' on the screen using the joystick. Author: Robert French FF18

MultiPlot A package for making 2D plots conveniently. Tim Mooney wrote the original program, which was then enhanced by Alan Baxter with a nicer user interface, support for the PLT: device, and support for file conversions. Rich Champeaux and Jim Miller wrote the PLT: handler which emulates a plotter by accepting HP-GL commands, creating a raster image, then dumping it to any preferences supported graphics printer. This is version XLN and includes source to MultiPlot. Update to FF231, where it was called just 'Plot'. This version is 2D only. Author: Alan Baxter, Tim Mooney, Rich Campeaux, Jim Miller FF292

MultiSelect A small program that makes it possible to select several icons on the workbench without having to press the Shift key. This is version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF253

MultiSort: Sorting and intertask communication in Modula-2. Author: Steve Faiwiszewski AC2

MultiTasking Tutorial and example program for multitasking at the Exec level Author: Leo L. Schwab FF20

Multitasking in Fortran: All the hard work is done here so you can multitask in Fortran. Author: Jim Locker AC6

MunchingSq Leo's 'Munching Squares' hack, now upgraded to take a single argument for a seed value. Includes source. Author: Leo Schwab FF87

Muncho A cute little program which plays a digitized sound sample when you insert or remove a disk from your drive. If you don't like the sounds, you can replace them with your own. Binary only. Author: Andrew Werth FF137

Music A collection of 14 Classical pieces. AM23

MusicCraft2SMUS Amiga Music Player AM23

MusicStudio2SMUS Amiga Music Player AM23

Mv A Unix style mv/cp/rm program that moves, copies, or removes files. Includes interactive mode, recursive mode, and force quiet mode. Copies file permissions, dates, and comments, supports arp style wildcards, supports moves across volumes, honors the delete bit. V 1.1, includes source. Author: Edwin Hoogerbeets FF219

MVP-FORTH Mountain View Press Forth, version 1.00.03A. A shareware version of forth from Fantasia Systems. Runable from the workbench, comes with icons and such. If you use this, you should send a contribution to Fantasia Systems / Mountain View Press. FF9

MWB A program which will create a new 'WorkBench' screen and route by request OpenWindow calls meant for the WorkBench to these new screens. This allows you to run programs which normally open windows on the WorkBench screen to use a custom screen instead. Version 1.01, includes source. Author: Matt Dillon FF65

MxExample Example of mutual exclusion gadget handling. Author: Davide Cervone FF31

MxGads Demonstrates how to make mutual exclusion of boolean gadgets work, even if they contain Gadget Text. Author: Willy Langeveld FF52

My.lib A binary only copy of Matt's alternate run time library. Author: Matt Dillon FF46

MyCLI Another CLI for the AMIGA. By Mike Schwartz FF4, AM9

mydev.asm Sample device driver. Assembler file. AM5

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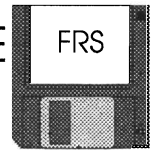

mydev.i Sample device example AM5

mylib.asm Sample library example. Assembler file. AM5

mylib.i Sample library example AM5

MyMenu MyMenu allows you to add your own menus to the WorkBench menu strip, to run commonly used commands. MyMenu will allow you to execute both CLI and WorkBench programs, and is configured with a normal text file. Includes source. Author: Darin Johnson FF225

MyUpdate A disk update utility that also provides support for automatically stripping comments from C header files and for interactive verification on a per file basis. Author: JoeMueller FF49

Nag A shareware appointment calendar with it's own editor and a unique 'nagging' feature utilizing the Amiga's voice and audio devices. Version 1.6, binary only. By Richard Lee Stockton FF161

NameGame A game based on a popular type of word skill puzzle contest generally sponsored by newspapers. Binary only. Author: Mike Savin, Gladstone Productions FF256

Names A shareware program to create and manage mailing lists. Binary only. Author: Ernie Nelson FF122

Nart Another display hack from the master himself... Includes source. Author: Leo Schwab FF66

NComm A terminal program for the Amiga based on comm version 1.34. Has hot keys for most program functions (including dialing up to 10 phone numbers), PAL and NTSC support for normal or interlaced screens, screen I/O greater than 2400 baud, ANSI/VT100 terminal emulation with full 8 color text support, IBM graphics, optional translation styles, split screen mode, full user control of color palette, full support for all European languages, full serial port control with baud rates up to 19200, script language, phonebook; keyboard macros, and more. Version 1.8, binary only. Author: DJ James, Daniel Bloch, et. al. FF246, FF230

Ndir Library that implements the 4BSD UNIX directory access routines (opendir, closedir, readdir, etc). Includes source in C. Author: Mike Meyer FF92

NEC 8025A Printer driver for the NEC 8025A. AM9

Nemesis This demo is Mark's entry to the Badge Killer Demo Contest. It is quite small for what it does, and won fifth place in the contest. Binary only. Author: Mark Riley FF127, AM25

NetHack This is part 2 of a two part distribution of NetHack, which was too large to fit on a single disk, even when zoo'd. Part 1 is on disk 189. Part 2 is on disk 190. Both parts, along with zoo to unpack them, are required to use or rebuild NetHack. V 2.3 Includes source. Author: Various; Amiga work by Olaf Seibert FF189 & 190

NetHandler The Software Distillery's network file system handler (NET:), using Matt Dillon's DNET to mount one Amiga's devices on another Amiga. It also serves as an example file system written entirely in Lattice C. Version 1.0, includes source. Author: Software Distillery FF248

NetWork Another program in the long tradition of 'screen hacks' for the Amiga. Won't spoil the surprise by saying what it does. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

NeuralNet Example of Neural Net programming converted to JForth. Demonstrates a programming technique that many say is the wave of the future for software. This is a simple demo that shows neural propagation. Standalone image with source code. Author: Robert E. La Quey, ported by Jack Woehr FF239

NeuralNets A neural network example using the generalized back-propagation delta rule for learning, specifically applied to the tabula rasa Little Red Riding Hood instance. Author: Josiah C. Hoskins FF160

NewDemos Some new demos, including replacements for the standard 'lines' and 'boxes' demos, that use only a few percent of the CPU time, so it is reasonable to have lots of them running simultaneously to demo multitasking. Binary By Steve Koren FF90

NewFonts Set of 28 new Amiga fonts. Author: Bill Fischer FF34

NewFonts Two new fonts; shalt18, an electronic circuit element font, and ibm5, a PC like font, different from that for Sidecar. Author: Peter Kittel FF71

NewIFF Some new IFF material dealing with sampled voice and music IFF files Posted to usenet by Carolyn Scheppner FF44

NewPackets Tutorial downloaded from BIX C-A support section, which describes some new packets and structures in 1.2 AmigaDOS. Author: Carolyn Scheppner FF65

Newscaster.pic A TV newcaster in an IFF picture. AM6

NewStartups A couple of new Cstartup modules. AStartup.asm is the source to AStartup.obj, with 1.2 fixes and better quote handling. TWStartup.asm is like AStartup.asm but opens a studio window, using a user supplied window specification, when executed from workbench. Author: Commodore, posted to BIX by Carolyn Scheppner FF55

NewStat Replacement program for the Amiga DOS STATUS command. Prints task number, priority, address of process, command line being executed, current directory, etc. Author: James Synge FF38

Newton Uses the 'Newtons Method' algorithm to estimate both real and imaginary roots of a polynomial of degree 20 or less. Version 1.0, includes source. Author: Daniel Barrett FF164

NewZAP A third-generation multi-purpose file sector editing utility, from the author of FileZAP. Displays and edits full 512-byte sectors via a 106 character wide internal font. Includes a search feature to find specific strings or hex digits, forwards or backwards. Update to version on FF 58. Version 3.18, Binary only. Author: John Hodgson FF164, FF58

NGC Yet another virus check program. Checks the bootblock on all inserted floppy disks and reports nonstandard ones. Checks the jump tables of all resident libraries and devices and reports suspicious entries. Version 1, includes source in assembly. Author: Ulf Nordquist FF238

NoClick A program which silences the clicking of empty drives on the B2000 under AmigaDOS 1.3. It should also work on an A500. This is version 3.6, an update to version to version 3.5 on disk 243. Includes assembly source code. Author: Norman Iscove FF246, FF243, FF241, FF231

NoIconPos This program clears the position info of any of your icons to allow WorkBench to pick a reasonable place for the icon again. Useful for disk and drawer icons where Snapshot rewrites the icon and the window information. Written in Modula-2, another demo for M2Amiga, showing the simplicity of programming with this Modula-2 compiler. Author: Markus. Schaub FF113

NoSmoking Sample program showing the use of a recoverable alert while displaying a personal health message. Includes source. Author: Theo Kermanidis FF155

NotBoingAgain Dr. Gandalf's entry for the First Annual Badge Killer Demo Contest. It is an interlaced HAM animation with nicely integrated sound effects. It is a great visual pun on the original Boing demo, but to say anymore would ruin the effect. Binary only, requires 1 Mb of memory. Author: Dr. Gandalf (Eric J. Fleischer, MD) FF200

NoVirus Another Anti-Virus utility. This one features known and new virus detection, view boot block, save and restore bootblocks, several 'Install' options and more. Written in assembly. V1.56, binary only. By Nic Wilson FF180

Nro Another roff style text formatter. This is version 1.5, an update to the version released on disk 79. New features include generation of ANSI/ISO codes for bold, italics, and underline, more than one formatting command on a line, longer macro names, and many more formatting commands. Includes source. Author: Unknown, posted to usenet by Alan Vymetalik Many enhancements by Olaf Seibert FF197, FF79

NuHand An animation of a hand with fingernails scrapeing on a desktop, including sound effects. This is Bryan's entry for the 1988 Badge Killer Demo Contest. Binary only by: Bryan Carey Gallivan FF210

Null A new dos device that behaves like 'NIL:' but unlike 'NIL:', it is a real handler. This makes it useful in lots of situations where 'NIL:' cannot be used. V 0.0, includes source. By Gunnar Nordmark FF188

objfix Makes Lattice C object file symbols visible to Wack, C program. In C source code and executable. AM1

Obsess Obsess-O-Matic is a real-time puzzle game like Tetrix where the object is to fit the falling pieces together to form complete horizontal rows. Features such as burning, exploding, and invisible pieces enhance game play. Other features such as a puzzle piece editor are included in the version available directly from the author. This is version 1.0, shareware, binary only. Author: Wayne Phillips FF305

Oing Displays a window full of little bouncing balls. Author: Leo Schwab FF33

Oing, Sproing, yaBoing, Zoing are sprite-based Boing! style demos. dIn C source code and executable. Documentation included. AM14

Okidata ML-92 Printer driver for the Okidata ML-92. AM9

OkidataDump Okidata ML92 driver and WorkBench screen dump program. Does both alpha and graphics. Untested (I don't have the printer). Author: Raimund Gluecker FF15

OldMan Shades of Santa digitized in an IFF picture. AM7

On Your Alert: Using the system's alerts from AmigaBASIC. Author: John F. Wiederhirn AC4

one.window Produces a window with a console attached. Does graphics in the top half and limits the console activity to the lower half. Author: Rob Peck 12/18/85 FF5

OnlyAmiga This animation is Iqbal's entry to the Badge Killer Demo Contest. It consists of tree balls being juggled by pyramids rotating on their tops. Author: Iqbal Singh Hans FF126

OnlyAmiga This demo is Rob's entry to the 1989 BADGE Killer Demo Contest, where it won 9th place. It demonstrates sound, multitasking, HAM color, the blitter, and more. Binary only. Author: Rob Peck FF268

OOPS! Tired of the monochrome background color of your Workbench or CLI? Then try this colorful screen hack to brighten things up! Includes source. Author: Joerg Anslik FF156

Optical Draw several optical illusions. ABasiC program. AM1

optimize An optimization example from an AC article, in AmigaBASIC. AM11

Orbit Plots the ground trace of satellites on a map of the earth, using the orbital elements for some 130 satellites, from a list which is updated every two weeks on Compuserve. Version 1.2, binary only. Author: Timothy Middendorf FF289

organ minor chord Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Orthello One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

OSK A software keyboard, which allows you to type using the mouse. Can be made to send keystrokes to any window, and can be iconified. Includes source. Author: Jonathan Potter FF287

Othello An AmigaBASIC Program of the oriental game known as 'go'. AM8

Othello Another game in ABasiC by the author of Monopoly. Author: David Addison FF28, AM1

Othello Othello game, binary only. Author: Matthew Bellew FF90

Overscan Patches the Intuition library so that sizable windows with MaxHeight of 200 (400 in interlace) and screens with Height of 200 (400 in interlace) will take advantage of the PAL overscan capability of Intuition V1.2. This seems to be useful only for European users that wish to run software written for the American market, without modifying the applications, but still using the additional space. Includes source. Author: Ari Freund FF133

ownlib.asm Example of making your own library in Assembly with Lattice. C program. AM4

ownlib.c, Example of making your own library in C with Lattice. C program. AM4

Paccer A pacman clone with sound and a game screen editor. V1.0, shareware, binary only. Author: Dirk Hoffman FF223

FREELY REDISTRIBUTABLE SOFTWARE

Pack Program to strip extraneous whites pace from C programs or header files. Can be used to condense the C compiler header files to free up disk space. Author: Jeff Dickson FF20

Pack-It Pack-it will take all the files and directories on a disk and pack them into a single file for electronic transmission via modem. Binary only, shareware. Author: Gary Kemper FF103

PacMan87 This is a nice little 'pacman like' game with some new features like fire pits, stabbing knives, electric arcs and flame throwers, that must be avoided. Has three levels of difficulty, easy, medium, and hard. Sounds can be toggled on or off. Keeps a record of the top ten scores. Shareware, binary only. Author: Steve Jacobs and Jim Boyd FF192

PageCnt Counts and displays the number of form feeds in a file, along with the length of the longest line. Version 1.0, includes source. Author: Joel Swank FF304

PagePrint Prints text files with date/time header, page breaks, and line numbers. Suggested $10 donation. Author: Phil Mercurio FF40

PageSetter Freely distributable versions of the updated PagePrint and PageIFF programs for the PageSetter desktop publishing package. AM18

Paint A simple screen painting program, written in web. Requires web preprocessing program to rebuild from source. Includes source in web. Author: Greg Lee FF128

PaintBox Simple paint program. ABasiC program. AM1

PaintCan.pic The PaintCan in an IFF picture. AM6

PaintJet An 'official' Hewlett Packard PaintJet printer driver received directly from HP sources. Author: Unknown FF129

Palette A tool which allows you to change another program's custom screen colors. Based on Charlie Heath's palette program from FF1. Author: Carolyn Scheppner FF55, FF1

PaletteReq An easy way to set the palette of any screen from your program. Includes source. by: JonathanPotter FF242

PalTest Example code of how to determine dynamically whether or not you are running on a PAL machine. Includes source. Author: Christof Bonnkirch FF87

Panasonic KX-P10xx Printer driver for the anasonic KX-P10xx family of printers. AM9

Panl A universal MIDI patch panel that allows MIDI parameter info to be sent from the Amiga to any MIDI device that can accept param info Version 1.2, binary only. Author: David Weinbach FF82

parallel Text, parallel port spec. AM5

parallel Demonstrates access to the parallel port. Author: Tom Pohorsky FF5

Paranoids An asylum escape game. Paranoids is a traditional board game played by drawing cards, rolling dice, and moving pieces around the board. Each player has six pieces, four patients and two doctors. The object of the game is to get all of your patients out of the asylum. This is version 1.0, binary only. Author: Richard Anderson and Gary Teachout FF250

paratest.c tests parallel port commands. C program. AM4

ParOut Shows how to allocate and communicate directly with the parallel port hardware from an assembly language program. Includes source. Author: Jeff Glatt (original C code by Phillip Lindsay) FF237, FF73

Parse A recursive descent expression parser that parses expressions, computes the expression value, and prints it. Includes support for some built in transcendental functions. Includes source in C. Author: John Olsen FF92

Parsnag A program to aid in performing color separations on Epson JX-80 printers. Includes source. Author: John Hodgson FF165

ParTask Example program for finding the parent task of your current task. Includes source. Author: Andry Rachmat FF79

PascalToC A Pascal to C translator program which is supposed to correctly handle function, procedure, and most type declarations. However, this quick and dirty port didn't fare too well on even a simple little Pascal fragment from Software Tools in Pascal. I don't know if the problem is machine dependencies in the code or bugs. Looks like it could be useful with a little more work than I have time to put into it now. Includes source. Author: James Mullens, enhancements by Dan Kegel FF65

Password A program which enhances your computer's security by making it complicated enough that users without your password will get discouraged trying to boot and use your system. This should keep out most casual or nontechnical users. Version 1.21p, binary only. Author: George Kerber FF243

Paste A version of the UNIX paste utility. Paste concatenates corresponding lines of the specified files into a single output line (horizontal or parallel merging) or concatenates them into alternate lines (vertical or serial merging). Includes source. Author: David Ihnat FF136

Patch A port of the very useful UNIX utility which applies context diffs to text files to automatically update them. This is a port of version 2.0.1.6 (patch level 12), which Eric has dubbed Amiga version 1.0. It is an update to an earlier version on disk 129. Includes source. Author: Larry Wall, Amiga port by Eric Green FF296, FF129, FF13

PatEdit A pattern editor for creating patterns to input to the Amiga SetAfPt macro call. This call sets the area fill pattern for the area filling graphics calls such as RectFill, AreaDraw, etc. Includes source. Author: Don Hyde FF130

Path An interesting concept in path-searching. This program contains a path-handler that allows you to selectively control or assign your system's search path using script files. Includes source. Author: Rico Mariani FF177

PathMaster A file requester with lots of features. Can be easily configured by the programmer to suit a variety of applications. Includes source. Author: Justin McCormick FF245

PatternLib A sharable library which implements AmigaDOS pattern matching, and a program that compiles 'fd' files into library headers and interface stubs. Includes source in Draco. Author: Chris Gray (?), posted on BIX by Jeff White FF254

PCBTool An early version of a shareware PC Board layout program Lots of options including variable size pads and traces, grids, grid snap, layers, zoom, selectable centering, text and more. This version does not support printer/ plotter dumps or libraries. Version 2.6, binary only. Author: George Vokalek FF158

Pcopy An intuition based disk copier similiar to the resident 'DiskCopy'. This is version 2.0, a highly upgraded rewrite of the version on disk 151. It features high speed diskcopy with write-verify and data recovery from damaged tracks. A lot of effort has gone into making this copier friendly in its usage, as well in its multitasking properties. Binary only. Author: Dirk Reisig FF243, FF151

PcPatch Patches for PCCopy and PCFormat from the EXTRAS disk, to allow reading, writing, and formatting of any kind of MS-Dos style disks, including 720K 3.5" diskettes. Binary only. This is an update to the version on disk 163. Author: Werner Guenther FF218, FF163

PCQ A subset implementation of a freely-redistributable Pascal compiler. Supports include files, external references, records, enumerated types, pointers, arrays, strings and more. Presently does not support range types, the 'with' statement or sets. V1.0, includes source and sample programs. By Patrick Quaid FF183

PcView Provides the PC community with the opportunity to display IFF pictures to the best of EGA's ability. Displays Amiga pics, IBM-PC Deluxe Paint Pics, Apple II-GS Deluxe Paint Pics, and others in the IFF standard format. Includes source. Author: John Hodgson FF164

Pdc An optimizing C compiler for the 68000 processor. This is an update to the version first released on FF 53, though apparently not based on the code from that disk. Major porting work was done by Jeff Lydiatt to get it to the point where it would compile and execute simple programs on the Amiga. This version now generates metacomco- compatible assembler source code, which can be assembled by the assembler also provided on this disk and then linked by the freely redistributable linker 'blink' (also provided). Includes all compiler source and some library and startup source code. Requires amiga.lib from developers kit to generate complete running example executables. Author: Matthew Brandt; major porting work by Jeff Lydiatt . FF110

PDScreen Dump C program which dumps Rastport of highest screen to printer. AM8

pdterm A simple terminal emulator that does ANSI or DEC VT-100 emulation in 80 cols by 25 lines. Version 1.21. Author: Michael McInerny FF14

PearlFont A font similar to Topaz, but with smoothed out edges and more rounded characters. Author: Michael Portuesi FF61

Pemacs Microemacs as enhanced by Andy Poggio. New features include use of <ALT> keys as Meta keys, default buffers on buffer switch, mouse support, higher priority to improve interactive response, creation of backup files, paragraph fill, word wrap, query replace, and support for function keys Author: Dave Conroy, enhancements by Daniel Lawrence FF22

pena One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

PennyWise An easy to use, flexible cashbook program using an Amiga Intuition interface. It can be used to keep track of the financial transactions of a cheque, bank, business, or similar account. Shareware, binary only. Author: Pierre A du Parte FF273

PenPalFont A font which will make your six year old feel right at home in a CLI window. Cute. Author: Burton Ogden FF73

people talking Sound demonstration icon-driven part of a set on AMICUS 10 AM10

PeopleCable An IFF picture resembling an old BYTE Magazine cover. AM7

Pere-et-Fils Example of creating and using reentrant processes. Includes source. Author: Jean-Michel Forgeas FF105

PerfectSound Perfect Sound demo, with a sound editor and sample sound files. Looks very nice. Author: Anthony Wood FF50

Perl Practical Extraction and Report Language, an interpreted language optimized for scanning arbitrary text files, extracting information from those text files, and printing reports based on that information. Author: Larry Wall FF161

PersMait Demo version of shareware personal/personnel file manager. Includes list processing, capability to run mailing labels, mail merge output feature, and more. Demo version is binary only and limited to input mode. Suggested donation of $24 for the 'real' version. Author: Breen and Associates FF67

PetCLI An AmigaBASIC program that allows editing in CLI command lines (similar to the PET and MYCLI). Includes source. Author: Peter Kittel FF71

PetersQuest This cute game has you, the intrepid Peter, following a trail of hearts through a world of 20 levels, riddled with porcupines and other hazards, to rescue Daphne, the love of your life that has been kidnapped by the evil Brutus. Version 1.0, binary only. Author: David Meny FF224

PETrans translates PET ASCII files to ASCII files. In C source code and executable. Documentation included. AM14

PeX A demo of the various graphics capabilities of the Amiga. Author: Unknown (no documentation included) PictureGarden Another demo, apparently in compiled basic. Author: Unknown (no documentation included) FF206

Piano Simple piano sound program. AM21

PickPacket PickPacket gives you a visual display of the DosPacket structures that are sent to handlers, and lets you see the results. You can actually perform handler operations such as open files, read or write data, Examine or ExNext locks, and so forth, all by talking directly to the file system handler involved using PickPacket. V1.0, includes source. Author: John Toebes and Doug Walker FF227

Pictures Miscellaneous pictures selected from dozens of pictures that have come my way since the last full art disk. Author: Rich Payne, Grace Rohlfs, and others. FF45, FF11

PigLatin Tired of the 'say' command? This one will translate and speak your input in pig latin! Author: Thomas Clement FF18

pigs Sound demonstration icon-driven part of a set on AMICUS 10 AM10

FREELY REDISTRIBUTABLE SOFTWARE

Pilot An implementation of the PILOT language for the Amiga, including a demo done for the National Park Service. PILOT is a limited use language for use in educational and computer based instruction programs. Binary only with Beta test kit available from authors. Author: Terry LaGrone FF150

PinballConstSet.pic. A screen from Pinball Contruction Set in an IFF picture. AM6

pinwheel One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

pipe organ Sound demonstration icon-driven part of a set on AMICUS 10 AM10

PipeDevice A working 'pipe:' device, which allows the standard output of one process to be fed to the standard input of another process, with both processes running concurrently. Author: Matt Dillon FF55

PipeHandler An AmigaDOS pipe device which supports OPEN, CLOSE, READ, WRITE, LOCK, EXAMINE, and EXNEXT. Thus you can have 'named pipes'. It also supports 'taps' on a pipe, to capture all data flowing through the pipe. Version 1.2, includes source. Author: Ed Puckett FF84

Plasma A plasma cloud generator program that uses the extra halfbrite mode. Plasma clouds are a special form of fractal which show very smooth color gradations. Version 1.f, includes source. Author: Roger Uzun FF285

Plop Short, simple, no-frills IFF reader program, and a sample picture made using a ray tracing algorithm. Author: Jim Kent FF35

Plot A shareware 3D graphing program written in AmigaBASIC, with some sample output plots. Source available from author. Author: George Trepal FF121

Plot Program to compute and plot 3 dimensional functions. Major revision to PD version on disk number 49 by the same author. Version 4.1, binary only, shareware. By Terry Gintz FF175, FF49

Plot A package for making 2D and 3D plots conveniently. AG Baxter wrote the intuition interface program (Plot) and Tim Mooney wrote the MultiPlot and ThreeDPlot programs, which are called from Plot. This is version 1.2 and includes source to Plot. Author: AG Baxter, Tim Mooney FF231

Plot6 A star plotting program. Short on documentation and user friendliness, but interesting nevertheless. Also includes source. Author: Darrin West FF85

PlotData2D Plots data onto a custom user defined screen and window, reading the plot and screen/window definitions, along with the X and Y data pairs, from a disk file. Supports linear, log-log, and semi-log axis plots. The data can be plotted with lines, symbols, or both. Includes numerous example plots. Version 1.0, includes source in Fortran. Author: Robert C. Singleterry Jr. FF288

PlotView A couple of programs, Plotview and Plot2Am, for viewing UNIX plot files. Also included are two sub-directories: Plot — a device independent plotting package for the Amiga, compatible with the UNIX plot subroutine package and Plot2Tek — converts UNIX plot format files to Tektronix 410x terminal graphic commands. Source included. Author: Joel Swank FF165

Plplot A library of C functions useful for scientific plotting on the Amiga. The library is Lattice C compatible. Contour plotting, three dimensional plotting, axis redefinition, log-log plotting and multiple subpages are a few of Plplot's features. The plots can be displayed on a monitor or sent to a graphics file for subsequent printing. V1.00, includes source. Author: Tony Richardson FF222

PlusCR Companion program to StripCR, it reverses the procedure. PlusCR produces a file ready for use on systems which require both the CR and LF characters to mark the end of a line (such as those running MS-DOS for example, includes source in assembly. Author: Bill Nelson FF237

pm A chart recorder performances indicator. AM11

pointerEd Pointer and sprite editor AmigaBASIC program. AM11

PolarView A planet view in an IFF picture. AM6

Police Simple police siren sound. ABasiC program. AM1

Poly A polygon drawing demo using the Area Move, Area Draw, and Area End functions Author: John Olsen FF52

Polydraw A drawing program written in ABasiC. Author: David Addison FF15

Polyfractals A fractal program written in ABasiC. Author: David Addison FF15

Polygon A moire type pattern generator but with color cycling. Author: TerryGintz FF49

PolyRoot Another Polynomial root-finder using the Newtonian algorithm. Nicely done in AmigaBASIC with good documentation file. Version 2.00. Author: Jon Giorgini FF164

PopCLI Provides a simple way of starting another CLI at any time without having to load workbench or exit whatever program you may be using. Also has a built in screen saver mode that automatically blanks the Amiga console screen when there has been no input for a specified period of time. Version III, an update to the version on FF40. Includes source. Author: John Toebes FF84, FF40, FF35, AM15, AM12

PopColours Lets you change the Red/Green/Blue components of any color register, on any screen currently in the system. Uses a movable window with slider gadgets. Very well done. Version 1.0, November 1986. Author: Chris Zamara and Nick Sullivan FF43

PopDir A small utility which 'pops open' to help you look at the contents of a particular directory on demand. Version 1.6, an update to version 1.4 on disk 204. Includes source. Author: Jonathan Potter FF287, FF204

PopInfo A small utility which 'pops open' to give you information about the status of your devices and memory. This is version 3.1, an update to version 3.0 on disk 223. Includes source. Author: Jonathan Potter FF242, FF223, FF204, FF172

PopLife A PopCLI type thingie that instead plays life all over your screen. Lots of bits and pieces from Tomas Rokicki's blitlab and John Toebes' PopCLI. Includes source. By Olaf Seibert FF111

PopUpMenu Example code implementing pop-up menus that are reasonably compatible with Intuition menus. Includes source. Author: Derek Zahn FF96

Porsche A Porsche in an IFF picture. AM6

portar Portable archiver. Used to bundle text file up into a single file for transmission as a unit, or otherwise handling as a single file. 'Portable' because the code itself is portable and because the archive format is very simple (uses ASCII headers to separate files). From Decus C distribution. Author: Martin Minow FF2

PortHandler A sample Port-Handler program that performs the functions of the standard Port-Handler. Shows what the BCPL environment looks like from the handler point of view Author: John Toebus VIII FF20

potgo.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

PowerPacker A shareware command and data cruncher, with a full intuition user interface. Executable files which are crunched are automatically decrunched upon execution, thus saving precious disk space on systems without hard disks. Version 2.3b, binary only. Author: Nico Francois FF253

PowerWindows PowerWindows aids in creation of custom windows, menus, and gadgets. It will write C or assembly source implementing these, for linking with your programs. Binary only. Author: Inovatronics Inc. FF71

PPMore Another more like utility. This one reads text files that have been crunched with PowerPacker, thus saving space at the slight expense of some time to uncrunch the text. Version 1.3, binary only. Author: Nico Francois FF302

PPrefs Preferable Preferences is a program designed to replace the standard preferences, that is shorter, more efficient, and easier to use. Binary only. Author: Jonathan Potter FF242

Pr A little utility to print listings in different formats. Similar to the UNIX 'pr' program. Includes source. Author: Samuel FF122, FF34, AM15

Prep Version 2.1 of a Fortran preprocessor called 'prep', an alternative to ratfor. Prep has better macro facilities, a concise shorthand for array and vector statements, all the standard flow control constructs of forth, and is written in generic, portable C (I made no source changes). Includes source. By Roger Ove FF65

PrFont Prints a sample of each font from the fonts: directory. Draws one line of each font on a custom hires screen, which can be printed. Version 1.3, includes source. By Joel Swank FF305

prinintr.c Sample printer interface code. C program. AM4

Print Small print utility designed to replace the 'copy <filename> to prt:' command. Opens a window displaying the filename being printed, length, and a status bar showing percent completed. Also includes an abort gadget. V1.0, binary only. By Luciano Bertato FF184

print.support Printer support routines. Currently won't compile, missing a header file 'local.h'. Author: unknown FF5

Print1.2 Another CLI-based printing utility with several nice features including the ability to print in ASCII or HEX, with or without line numbers and a CTRL-C Trap. Includes source. Author: John F. Zacharias FF174

printer Printer pre-release copy of the chapter on printer drivers, from RKM 1.1. AM4

printer Shows how to open and use a printer, does a screen dump of the workbench screen if there is a graphics-capable printer attached. Currently does not compile under Lattice C Ver3.02 and does not link under Lattice C Ver3.03. Author: Rob Peck 12/1/85 FF5

Printer driver Text files for building your own printer drivers, including dospecial.c, epsondata.c, init.asm, printer.c, printer.link, printertag.asm, render.c, and wait.asm. AM5

PrinterStealer A program similar in function to 'Cmd' that allows diversion of output destined for the printer to a file for future output or debugging purposes. Binary only, source available from authors. Author: Alex Livshits and J-M. Forgeas FF95

PrinterTip A text file instruction for sending escape sequences to your printer. AM9

PrinText Program to display ASCII text files on the screen with scrollbar, arrow gadgets, automatic word-wrap, a search function, speech, IFF picture loading, and online help. Version 1.2, binary only. Author: Opher Kahane FF90

PrintHandler A custom PRT: driver which offers easy single sheet support as well as limited data spooling. Version 1.1, includes source. Author: Olaf Barthel FF282

PrintIt A program to print IFF pictures on Epson compatible 9-pin printers. Prints in many resolutions, with many ways to convert color pics to black and white. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

PrintPop A utility to enable the user to send some common control settings to the PRT: printer device. When installed, a left-amiga F1 sequence will pop up a small window with various options. Includes source. Author: Robbie Akins FF108

PrintSpool A print-spooling program. Very useful for printing files in the background. Many command-line options. Version 1.0.0, Includes source. Author: Frangois Gagnon FF154

PrintSpooler EXECUTE-based print spool program. AM8

PrivHndlr A privilege violation handler for the 68010 cpu. Like Decigel, but survives a reboot so you can use it with copy protected programs that run from boot. Version 3, includes source in assembly code. Author: John Veldthuis FF230

Proc Example program of how to create a full-fledged DOS process without needing to call LoadSeg first. Based on an idea presented at BADGE. Includes source. Author: Leo Schwab FF236

ProCalc A program that simulates an HP-11C programmable calculator. Lots of enhancements and bug fixes since the original version on FF139. Version 1.2, binary only, shareware. Author: Gotz Muller FF172, FF139

proctest Sample code to create a process, set up message ports, pass messages, etc. Sample slave code for create process test (littleproc.c) currently does not link under either Lattice C 3.02 or 3.03 (unresolved global variables not in libraries) Author: Rob Peck FF5

proff Another text formatting program. This one is significantly more powerful than any of the others previously distributed on these disks. FF9

FREELY REDISTRIBUTABLE SOFTWARE

ProffMacros Subset implementations of the Berkeley 'ms' and System V 'mm' macropackages, for the proff program. Author: Tony Andrews and George Walker FF46

Profiler A real time execution profiler for Manx 3.30E. Using this you can identify what sections of your program are using the most time, or being executed the most, and optimize as appropriate. I was able to double the speed of some programs by using this tool. Includes source. Author: Tomas Rokicki FF48

ProgUtils Some miscellaneous programming utilities and examples. Includes source in assembly code. Author: Jorrit Tyberghein FF302

PropGadget Example code for using proportional gadgets, written in assembly code and C, that can be called from your own application. Includes source. Author: Jerry Trantow FF269, AM21

ProSuite This is the Amiga Programmers Suite Book 1.01. The suite provides example code of facilities that every programmer needs (such as FileIO Requester), provides examples of new facilities (such as XText and DoRequest), and provides a tutorial on how to program the Amiga. Includes source. Author: R.J. Mical FF107

prtbase.h Printer device definitions. C program. AM4

PrtDriver A printer driver for the Toshiba '3 in one' printer in its Qume (best) mode. Includes source in C and assembler. Author: Rico Mariani FF128

PrtDrivers A couple of new Printer Drivers. One for Digital Equipment's LN03+ laser printer, and one for Mannesmann Tally's MT420d dot matrix. Authors: DEC LN03 — Bernie Mentink MT420d — Sascha Wildner FF164

PrtDrvGen Program to automatically generate custom printer drivers. Version 2.2b, binary only, source available from author. Author: Joergen Thomsen FF90, FF60

PrtDrvGen2.3 Latest version of a printer driver generator. AM22

PrtSpool A DOS handler, a print program, and a control program that implement a print spooling system. Like PRT:, the DOS handler waits for stuff to be sent to it to be printed. The print program does line numbering and page headers. The control program handles administrative functions. Binary only. Author: Daniel Barrens FF216

Ps A program to display process priorities and another program to set a process's priority to any arbitrary valid value. Very useful to provide finer control over your multitasking environment. Author: Dewi Williams FF26, AM11

PsIntrp A postscript interpreter that reads postscript files and previews them on an Amiga screen. Interactive input and output takes place in a small window. The page to be show is composed behind the window in an interlaced screen with 16 colors. Can also take input from a file. Includes source in assembler. Author: Greg Lee FF101

PSound SunRize Industries' sampled sound editor & recorder. AM15

PtrAnim Program, includes lots of samples, a utility program and instructions on creating your own animations. Be sure to also read the 'Disclaimer' in the author's ReadMeFirst file. Binary only, shareware Author: Tim Kemp FF170

Purty Provides an easy way to change some common printer settings via a small window with several gadgets. Binary only. Author: Charles Tyson FF66

PushOver A neat little board strategy game, in AmigaBASIC. Push your pieces onto the board until you get five in a row in any direction. Includes source. Author: Russ Yost FF122

Puzzle Simulation of a puzzle with moving square tiles. Executable only Author: Bill Beogelein FF32

PuzzlePro Create a puzzle from an IFF picture, which the user can then piece back together again. Written in AmigaBASIC. Version 1.0, binary only, shareware, source available from author. Author: Syd Bolton FF122

PWDemo Demo version 1.2 of the commercial product. FF71

PW_Utility A shareware utility for ProWrite users, changes margin settings and font types. AM25

Pyro A screen blanking program that goes beyond the normal blanking process. When there are no input events, pyro takes over and starts a little fireworks display in color. V1.1, binary only. Author: Steve Jacobs and Jim Boyd FF199

Pyth A program to draw the Tree of Pythagoras. Version 1.1, includes source. Author: Andreas Krebs FF238

Pz15 Computer version of those cheap plastic puzzles with 15 white tiles numbered 1 through 15 and an empty square in a 4 by 4 arrangement. This one is more challenging since you can't solve it by just prying out the pieces. Includes source. Author: Mike Hall FF191

QBase Quick-Base is a 'MailBase Management utility', that lets you define and maintain records of your family, friends, and other associates. Currently a maximum of 200 records per file. Binary only. Author: Kevin Harris FF98

QMan Mandelbrot generator written partially in assembly for speed. Includes source. Author: Steve Bonner FF130

QMouse A very small mouse accelerator (4K) written in assembly language, but with most of the features of its larger cousins. Not related to QMouse on disk 49. This is version 1.6, shareware, binary only. Author: Lyman Epp FF262, FF49

qsort.asm UNIX compatible qsort() function, source and C test program. Assembler program. AM2

Qt2 A cute program that gives the time the way many people actually do, I.E. 'it's nearly ten to five'. Includes source in assembly. By Charlie Gibb FF186

Quattro Another Tetris like program. Has three levels of play difficulty, sound effects, a 43-color background, next stone preview, and joystick or numberpad control. Version 1.0, binary only, source available from author. Author: Karl-Erik Jenss FF230

QueryAny Simple program for use in CLI scripts to query for yes/no decisions. Includes assembler source. Author: Mark Smith FF79

queryWB asks Yes or No from the user returns exit code. Source code and executable program. AM14

quick A quick disk-to-disk nibble copier. Executable program and documentation. AM12, AM1

QuickCopy Three versions of quickcopy, a nice little full diskcopier. Two of the versions are capable of making backup copies of 'protected' Electronic Art's disks. Author: Dave Devenport FF35

quickEA Program copies Electronic Arts disks, removes protection. Executable program and documentation. AM12

QuickFlix An IFF slideshow and cel animation program that takes full advantage of the Amiga's multitasking operating system, supports all the graphics modes, can run with internal timing or be triggered by an external source, caches images in memory to achieve rapid frame rate, etc. Version 0.13, binary only, shareware. Author: Jeff Kunzelman, Rodney Iwashina, Takeshi Suganuma FF106, AM24

QuickHelp A utility that helps you make and display your own help files for commands. Disk space usage is minimized by using PowerPacker to crunch the help files. Version 1.2, binary only. Author: Jorrit Tyberghein FF302

QView A very small file view program (only 3K) written in assembly language, but with most of the features of its larger cousins. Version 1.1, shareware, binary only. Author: Lyman Epp FF262

RadBoogie This demo, which won 7th place in the 1989 BADGE Killer Demo Contest, uses almost all features of the Amiga extensively, including the copper, blitter, sprite hardware, 68000 machine language, and preemptive prioritized multitasking. Includes source. Author: Dave Quick, Mark Riley, Tomas Rokicki FF269

RainBench Simple program which cycles the hardware color register to get an interesting effect on your workbench screen. Binary only. Author: Brendan Keliher FF90

RainBow Marauder-style rainbow generator. Installs a user copper list such that the background color is changed every few scan lines. Includes source. Author: John Hodgson FF58

RAMCopy A copy program designed for machines with 1 meg or more of RAM and only one disk drive. Allows you to copy a complete disk in only one pass. Author: Stephen Gunn FF165

RAMdisks Text file with tips on setting up your RAM disk. AM1

RAMSpeed Program to measure raw memory speed, comparing internal memory to the external memory. Author: Perry Kivolowitz FF31

Random Random number generator in assembly. Much faster than versions using floating point. Can be used by either assembly or C programs. Author: Steve Beats at Commodore-Amiga FF20

Random Simple random number generator in C. Includes source. Author: Gene Toole(?) FF74

random-circles One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

RatMaze 3D rat maze game in AmigaBASIC. AM8

raw Example sample window I/O. C program. AM1

RawIO Example of how to set your standard input to what is commonly known as 'raw' and/or 'CBREAK' mode on UNIX systems. Includes source. Author: Chuck McManis FF85

RayTracePics Ray tracing pictures, some of which appeared on FF39, but now in IFF HAM format for MUCH faster loading and compatibility with existing IFF tools. Author: Dave Wecker FF44

RayTracer A simple ray tracing program. It is capable of depicting up to 150 balls and a plane that is covered with a tiling of any bit mapped picture. Binary only and sparse documentation. Author: Friedrich Knauss, Steve Williams, Jim Horn and Mark Reichert FF66

RCS The Revision Control System (RCS) manages multiple revisions of text files. RCS automates the storing, retrieval, logging, identification, and merging of revisions. RCS is useful for text that is revised frequently, for example programs, documentation, graphics, papers, form letters, etc. This is RCS version 1.2, and includes source (the source to the GNU diff program used with this distribution of RCS can be found on disk 281). Author: Walter Tichy. Amiga port by Raymond Brand. FF282

Readme One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ReadmeMaster A nifty little database for finding those programs that you know exist somewhere (???) in the AmigaLibDisk library. Maintains a key-word dictionary of the Contents descriptions that allows searching by disk number, program title, author's name, or some other descriptive word. Currently supports disks 1-154 with planned updates from the author. Binary only. Author: Harold Morash FF163

Record-Replay A program that records a sequence of mouse and keyboard events as they occur and stores them in a file. The file can be played back to cause the same sequence of events to occur again. Very useful for creating demonstrations of programs or documenting repeatable bugs. This is version 2.0, an update to the version on disk 95. Shareware, binary only. Author: Alex Livshits and J-M. Forgeas FF105, FF95

RecurDir A recursive directory program that is useful as an aid in ZOOing files in nested directories. Allows one to easily ZOO the complete contents of a disk. Includes source. Author: Stephen Vermeulen FF284

Regex An Amiga shared library version of the GNU regular expression package from the Free Software Foundation. A regular expression is a concise method of describing a pattern of characters in a string. By use of special wildcards, almost any pattern can be described. A regular expression pattern can be used for searching strings in such programs as editors or other string handling programs. Version 1.0, includes source. Author: Edwin Hoogerbeets, FSF, Jim Mackraz FF248

Regexp A nearly-public-domain reimplementation of the V8 regexp(3) package. Gives C programs the ability to use egrep-style regular expressions, and does it in a much cleaner fashion than the analogous routines in SysV. Includes source. By Henry Spencer FF179

regintes.c Region test program. C program. AM4

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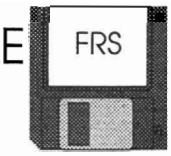

region Demonstrates how a drawing area can be split into linked rectangular regions. Draws a rectangle in a single playfield display, then draws 'Behind a Fence' several times behind an apparent fence in the rectangle. Only works under Lattice Ver3.03. Author: Rob Peck FF5

REMCR V1.00 Utility to remove CR's in files FF168 & 169

RemLib Removes a specified library (if currently unused) or displays some information about all available libraries. Update to version on disk number 139. Version 1.11, includes source in assembler. Author: Heiko Rath FF178, FF139

RemoteLogin A couple of programs which make possible remote access to your Amiga. One program checks the serial port for an incoming call, and starts a program when it is detected. The other is a password protection program which allows starting various programs based upon login id, thus providing some minimal security for your computer. Includes source. Author: Dave Kinzer FF247

RepString Nice little CLI utility to replace any type of string in any type of file with another string of any type. V1.0, binary only, shareware. By Luciano Bertato FF180

Requester A file name requester that looks like the one used in Deluxe Paint, and a sample program for using the requester. This is an update to the version released on FF34. Includes source. Author: Kevin Clague, enhancements by Randy Finch FF84, FF34, AM9

requesters Sample program and documentation for building and using requesters. John worked REAL hard to dig out all the information in this one! Author: John Draper (aka 'crunch') FF1

ReSourceDemo A demo version of ReSource, an interactive disassembler for the Amiga. This is a complete version except that the 'save' features have been disabled. This is version 3.06, an update to version 0.36 from disk 192. Binary only. Author: Glen McDiarmid FF232, FF192

Reversi Plays the classical reversi game on an 8 x 8 square field. Version 2.0, an update to version 1.2 on disk 245. Includes source in assembly language. Author: Marc Fischlin FF305, FF245, FF38

RexxArpLib A library which originally was supposed to be an ARexx interface to the ARP library. However, it has also become an interface to various Intuition functions, containing over 50 functions including a file requester, string/boolean requester, environment variable functions, simple message window, wildcard expander, etc. V2.3, an update to FF178. Binary only. Author: W.G.J. Langeveld FF227, FF178

RexxMathLib A library which makes various high level math functions such as sin, tangent, log, etc, available in ARexx. V1.2 and 1.3, binary only. Author: W.G.J. Langeveld FF227

RexxPlPlot A library of C functions useful for scientific plotting on the Amiga. The library is Lattice C compatible. Contour plotting, three dimensional plotting, axis redefinition, log-log plotting and multiple subpages are a few of Plplot's features. The plots can be displayed on a monitor or sent to a graphics file for subsequent printing. This is RexxPlPlot version 0.3, an update to Plplot version 1.00 on disk 222. New features include an ARexx interface, support for IFF output, support for PostScript output, support for Preferences, some new functions, bug fixes, and more. Includes source. Author: Tony Richardson, Samuel Paolucci, Glenn Lewis and Tomas Rokicki FF306

rgb One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

rgbtest One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Rhodes piano Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Ripples This animation is one of Allen Hastings' entries to the Badge Killer Demo Contest. Unlike most other animations, it shows a fixed object from a moving point of view, rather than a moving object from a fixed point of view. Author: Allen Hastings FF127

RistiNolla A Finnish game. The name means something like CrossZero, and is also called Go-Moku. Version 1.0, shareware, binary only. Author: Mika Pihlajamaki FF106

RoadRoute A trip planner that takes a list of cities and a list of known routes between cities, and generates the distance and time required to reach your destination. V1.0, Source. Author: Jim Butterfield FF251

Robert Grey scale digitization of a startled young man, an IFF picture. AM7

Robot A picture of a robot arm grabbing a cylinder. AM12

Robot IFF picture of toy robot. AM7

Robotroff Another of Leo's cute little display hacks. This one has a definite attraction to pointers (don't want to spoil the surprise) Author: Leo Schwab FF59

Rocket Another program in the long tradition of screen hacks. This one zeroes in on your mouse pointer. Binary only. Author: Lars Clausen FF303

Rocket Another interesting Workbench display hack. This one is really a game in disguise. It is the same as the one on FF82, but also includes source. Author: Peter daSilva FF85, FF82

roff A 'roff' type text formatter, roughly following 'Software Tools' version. Somewhat upwardly compatible with UNIX 'nroff' command. Author Ken Yap FF3

RolandD110 A program to transfer sound samples between the Amiga and a Roland D-110. Version 1.0, binary only. Author: Dieter Bruns FF255

RolandS220 A program to transfer sound samples between the Amiga and a Roland S-220. This is version 2.0, an update to MIDIsoft version 1.0 on disk 199. Includes several enhancements. Binary only. Author: Dieter Bruns FF255

RollOn A Soko-Ban like shareware game, submitted by the author. Includes both English and German versions, a level editor, and digitized sounds. This is version 1.1, binary only. Author: Tobias Eckert FF302

ROMWack Text files with tips on using ROMWack. AM1

ROR AmigaBASIC boggling graphics demo. AM8

ror One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Rord One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ROT C version of Colin French's AmigaBASIC ROT program from Amazing Computing. ROT edits and displays polygons to create three dimensional objects. Up to 24 frames of animation can be created and displayed. E-D AM18

Rot Program which generates and displays 3D objects. Consists of two pieces, an object editor and an action editor. The object editor creates 3D objects and the action editor defines up to 24 3D views of an object (which can be quickly cycled to get an animation effect). Version 0.5, binary only. By C. French FF71

RPSC A reverse polish scientific calculator. RPSC is a programmable RPN calculator in the Hewlett-Packard tradition. It supports operations with real numbers, complex numbers, matrices, and 3-D vectors, as well as storage and recall of labeled variables. Data and programs may be saved, loaded, or written as ASCII text, to AmigaDOS files. This is version 1.1, binary only. Author: Gary Teachout FF250

RSLClock Yet another nice little clock utility that can sit around in your title bar. Lots of options. Version 1.3, binary only. Author: Roy Laufer FF67

RTCubes A little graphics demo that shows 16 3D cubes in a 3D space, all being translated, rotated, and drawn on the screen in real time. Binary only, takes over the machine, reboot to recover. Author: Ralph Russell FF67

Rubik Translation to C of a Rubiks Cube solver program originally written in Basic by John Murphy. Includes versions to do an 'unwrapped' 2D solution, and a more visual 3D solution. Version 0.0, includes source. Author: Roger Uzun FF285, FF29

RunBack Allows you to start a new CLI program and run it in the background, then closes the new CLI. This is version 6, an update to the version on disk 152 (the version on disk 214 appears to be on a different evolutionary path). This version compiles under Lattice with many optimizations enabled, and can be made resident. Includes source. Author: Rob Peck, Daniel Barrett, Greg Searle, Doug Keller FF240, FF214, FF152, FF65

RunBackGround Ancient history, but when I went looking for it on my disks, it was apparently something I missed. This program performs a function similar to that performed by RunBack on FF66, but this one is in C rather than assembler. Includes source. Author: Rob Peck FF73

Rxil An ARexx interface library that makes it easy for programs to implement a complete, robust ARexx interface with minimal effort. Version 1.0, includes source. Author: Don Meyer FF299

S220to8SVX Converts sound samples from a Roland S-220/S-10/MKS-100 to 8SVX IFF 8-bit samples. Version 1.0, binary only. Author: Dieter Bruns FF286

Sabotage Sort of an adventure game. ABasiC program. AM3

sabotage One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SafeBoot Very handy intuition-based program to read and save custom bootblocks. The bootblock can then be later restored should the disk become virus-infected. Version 2.2, binary only. Author: Mark Lanoux FF175

SafeMalloc Ever have a program that corrupts its own memory? Well, this little gem can help you find the problem in a hurry. Acts as an interface between your program and the real malloc, checking for overrun, under run, and duplicate freeing of malloc'd space. Author: Bjorn Benson, modifications by Fred Fish FF27

salestalk One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Sam Another IFF sound player with several command-line options. Includes several samples. V1.0, binary only. By Nic Wilson FF182

Samp Documentation and interface library for an IFF FORM SAMP, 16-bit sampled sound file format. This format allows more than one waveform per octave, and the lengths of different waveforms do not have to be factors of 2. Includes a utility to convert 8SVX files to SAMP format. Version 1.0, binary only. Author: Jeff Glatt FF307

samplefont A sample font that produces clubs, hearts, spades, and diamonds as its four characters. Shows precisely what is contained in an Amiga font. Author: Unknown FF5

Sand This program has 'magnetic grains of sand' that follow the pointer wherever it goes. Cute. Binary only. Author: Eric Vaughan FF82, AM21

Saturn An IFF picture. AM6

Saucer Simple shoot-em-up game. ABasiC program. AM1

SaveILBM This program saves any screen as an IFF pic. Executable program and documentation. AM8, AM7

saxophone Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Sb Structure browser, that displays system structures via pointers found in other structures. You start from IntuitionBase and go from there. Version 1.0, includes source. Author: Nick Sullivan and Chris Zamara FF69

SBProlog Volume 2 of the 2 volume Stony Brook Prolog (SBP) distribution, version 2.3.2. This volume contains the C and Prolog source code. Volume 1, on FF 140 contains the executables and libraries. From the SB-Prolog System, Version 2.2 User Manual: 'SB-Prolog is a public-domain Prolog system for UNIX(tm) based systems originally developed at SUNY, Stony Brook. The core of the system is an emulator, written in C for portability, of a Prolog virtual machine that is an extension of the Warren Abstract Machine. The remainder of the system, including the translator from Prolog to the virtual machine instructions, is written in Prolog.' In addition to providing a compiler, SB-Prolog also offers advanced features such as dynamic loading, mixing of compiled and interpreted code, macros, extension tables, a debugging facility offering two levels of tracing, profiling tools, and other utilities. Authors: Logic Programming Group at SUNY, Stony Brook Amiga port by David Roch and Scott Evernden FF141

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SBProlog V1.a Volume 1 of the 2 volume Stony Brook Prolog (SBP) distribution, version 2.3.2. This volume contains the executables and libraries. Volume 2, on FF 141, contains the C and Prolog source code. From the SB-Prolog System, Version 2.2 User Manual: 'SB-Prolog is a public-domain Prolog system for UNIX(tm) based systems originally developed at SUNY, Stony Brook. FF140

SBProlog V1.b The core of the system is an emulator, written in C for portability, of a Prolog virtual machine that is an extension of the Warren Abstract Machine. The remainder of the system, including the translator from Prolog to the virtual machine instructions, is written in Prolog.' FF140

SBProlog V1.c In addition to providing a compiler, SB-Prolog also offers advanced features such as dynamic loading, mixing of compiled and interpreted code, macros, extension tables, a debugging facility offering two levels of tracing, profiling tools, and other utilities. Authors: Logic Programming Group at SUNY, Stony Brook Amiga port by David Roch and Scott Evernden FF140

Sc Program which demonstrates generation of good looking pseudo-random scenery. Includes source in C (translated from Draco version on FF61). Author: Chris Gray FF87

Scales Sound demo plays scales, C program in C source code and executable program. AM3

scales Demonstrates use of the Audio functions in the ROM to produce four voice sounds. It uses a simple waveform (sawtooth) with no amplitude control (ie, envelope) or frequency variation (ie, vibrato), but these can be easily implemented. Also includes considerable documentation on audio device. Author: Steven A. Bennett FF6

Scanner Scanner makes commented C code of all intuition structures in memory. The structures will receive correct pointers towards each other. Scanner starts looking at IntuitionBase, and follows all pointers, storing them in memory. When finished, it writes all the structures to the standard output. Version 1.0, includes source. Author: Stefan Parmark FF218

Scanning the Screen: Part four in the fractals series. This article covers drawing to the screen. In AmigaBASIC and TrueBasic. Author: Paul Castonguay. AC7

Scat Another display hack, created from Le, AM180 Schwab's 'Ing' display hack. Binary only. Author: Stephen Pietrowicz FF81

SCATV1.00 Utility to 'cat' binaries without blowing up the display FF168 & 169

SceneGenDemo Demo of a program called Scene Generator, that generates very realistic looking landscapes. This program is an enhanced, low cost commercial version, of the Scenery program included on disk 155. This is version 2.03, binary only. Author: Brett Casebolt FF299

Scenery A very nice assembly language random scenery generator. Generates very realistic looking landscapes. Includes intuition interface and lots of menu options. Version 1.0, binary only. Author: Brett Casebolt FF155

Scheme 'Scheme is a statically scoped and properly tail-recursive dialect of the Lisp programming language invented by Guy Lewis Steele Jr. and Gerald Jay Sussman.' Binary only. Amiga port by Ed Puckett FF149

ScienceDemos Some science demos. Sidereal is a tutorial program which introduces the user to the relationships between Julian and calendar dates and solar and sidereal times. J2000 is a utility program which converts stellar positions, proper motion, parallax and radial velocity from the standard epoch B1950 (FK4) to epoch J2000 (FK5). Galilean is a tutorial program which determines the position of the Galilean satellites relative to Jupiter. Programs courtesy of David Eagle at Science Software. FF27

SciSubr The Scientific Subroutine Package from DECUS, ported to the Amiga to run with Absoft Fortran. This is a valuable resource of mathematical and statistical source code for those doing Fortran work on the Amiga. Author: Unknown; ported to the Amiga by Glenn Everhart FF142

ScnSizer Sets the preferences data for increasing the window bounds, and takes effect immediately. Includes source. Author: Thad Floryan FF79

ScottDevice A mountable MicroForge SCSI driver. Supports one SCSI buss device with two hard disk units attached to it. Version 33.1, includes source. Author: Scott Turner FF84

Scrambler A simple program that will encode/decode a text file into illegible gibberish, which resembles executable code, to evade prying eyes. Version 0.01, Binary only. Author: Foster Hall FF148

ScreenDump Dumps rastport of highest screen/window to printer. Author: Carolyn Scheppner FF33, AM8

ScreenSave A program to save a normal or HAM mode screen as an IFF file. Also creates an icon for the saved file. Author: Carolyn Scheppner FF55

ScreenShare A library and support programs that enable applications to open up windows on other applications' custom screens. For example, your editor may want to open a window on your terminal emulator's screen so you can compose a message while still being able to see the contents of the terminal's screen. Both applications must cooperate for the screen sharing to work. This is version 1.21, an update to version 1.2 on disk 246. Includes source for interface portions. Author: Willy Langeveld FF308, FF246

Screenshift Screenshift is a small program that allows you to adjust the position of the screen on your display, just like the preferences function. Works from CLI or WorkBench. Includes source. Author: Anson Mah FF89

ScreenX A handy little background utility that provides a small clock/memory counter in its inactive mode and a versatile screen manipulator when called upon. Binary only with source available from author, Version 2.1. Author: Steve Tibbett FF158

ScreenZap A utility that forcibly removes screens and windows from your system. Useful to get rid of zombie screens or windows that have been left around by aborted or buggy programs. This is version 2.3 and includes source. Author: Lars Clausen FF303, FF157

Scrimper Short for 'SCReen IMage PrintER'. A screen dump utility which can be run from the workbench or the CLI. Author: Perry Kivolowitz FF18, AM8

Scripit A script language that allows you to automate actions you would normally have to do manually. Scripit can do anything that you do manually, by either the mouse or keyboard, by using a set of commands that instruct Scripit to simulate specific mouse or keyboard actions. Also has an ARexx port, so it can be driven by ARexx allowing ARexx control over programs that do not have ARexx ports. Includes both a recorder to generate scripts and a player to execute them. This is version 1.20, binary only. FF288

ScrollDemo Demonstrates the text scrolling capabilities of AmigaBASIC. AM9

ScrollPf Creates and displays a 400 by 300 by 2 bit plane playfield on top of a 320 by 200, 2 plane deep playfield, as a demo of dual playfield display. Author: Carolyn Scheppner FF35

SCT A CLI-based utility (SetColorTable) for displaying and/or setting a screen's colors. You can save the colors of a screen to be restored later, or copy one screen's colors to another. Includes source. Author: aklevin FF151

Sdb Simple database program, originally released on aDECUS VAX SIGtape. Author: Unknown, Amiga port by Mic Kaczmarczik FF33

SDBackUp A hard disk backup utility. CLI interface only. Does file compression. Version 1.1, binary only. Author: Steve Drew FF128, AM26

SeaHaven Demo version of a solitaire type card game. The object of the game is to separate the deck into its four suits, each in an ordered stack from ace to king. Version 1.1, binary only. Author: Steve Francis FF260

Search Utility: A file search utility written in C. Author: Steven Kemp AC6

Sectorama A program designed to help Amiga users recover lost or damaged data from floppy or hard drives, or to repair a damaged volume. The author wrote this out of frustration with existing tools when he had multiple hard disk drive failures over the course of several months. This is version 1.1, an update to the version on disk 102. Binary only. Author: David Joiner FF108, FF102, AM24

Sed This is the GNU sed (stream editor) program, ported to the Amiga. Sed copies the named files, or the standard input, to its standard output, while performing certain editing operations specified in the command line script or in a scriptfile. Version 1.02, includes source. Author: Unknown, ported to Amiga by Edwin Hoogerbeets FF231, FF128

Selector A program that helps you assemble programs on a boot disk and start them in a user friendly way. Version 2.5, binary only. Author: Nico Francois FF302

SendMorse Brush up on your morse code with this simple program that will read an input textfile and output the characters at an adjustable rate. Author: Joe Larson FF175

SendPacket General purpose subroutine to send AmigaDOS packets. Author: Phillip Lindsay FF35

SendPackets Updated versions of the ASendPacket and SendPacket examples from FF35. A SendPacket is an example program for sending multiple packets asynchronously to a DOS handler, for those interested in implementing programs with asynchronous AmigaDOS file I/O. SendPacket is a general purpose subroutine to send AmigaDOS packets. Includes source. Author: Phillip Lindsay FF66

SensoPro You try to remember and mimic the sound/color sequence played by the computer. Each time you get it right, another sound/color is added to the sequence. Great practice in case you ever find yourself in a 'Close Encounters of the Third Kind' experience. Binary only. Author: Peter Handel FF283

Sentinel A large ray-traced animation created with Turbo Silver SV, Deluxe Photolab, Deluxe Paint III, and the Director. It consists of approximately 60 to 70 frames of animation, rendered during a period of about three and a half weeks. This is Bradley Schenck's entry to the 1989 BADGE Killer Demo contest, and won first place in the contest. Because of its size, it has been split across two disks. The rest of the files are on disk 264. Requires 3Mb or more of memory to run. Author: Bradley Schenck FF263 & 264

serial Demonstrates access to the serial port. Requires an external terminal connected to the serial port. Author: Unknown FF5, AM5

serisamp.c Example of serial port use. C program. AM4

seritest.c tests serial port commands. C program. AM4

Set Replacement for the Manx 'set' command (to set or change environment variables) with several improvements Author: Tomas Rokicki FF31

SetAlternate Merge the images from two icons to produce one icon with a primary image, and a possibly completely different image to display when selected. Author: John Toebes VIII FF12, AM8

SetCPU A program designed to allow the user to detect and modify various parameters related to 32 bit CPUs. Includes commands to enable or disable the text/data caches, switch on or off the '030 burst cache line fill request, use the MMU to run a ROM image from 32-bit memory, and to report various parameters when called from a script. V1.5, an update to FF187. Includes source. Author: Dave Haynie FF223, FF187

SetFont Allows you to change the system font with various command-line options. Cleans up all known bugs in FF75. V2.5, includes source in C++. By Dave Haynie FF182, FF75, FF41

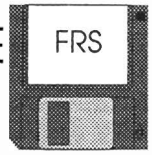
setjmp.asm setjmp() code for Lattice 3.02. Assembler program. AM2

SetKey Keymap editor, version 1.0 demo. Version without save function disabled is $25. Binary only. Author: Charles Carter (CodeWorks)Vpg Video Pattern Generator. Creates displays useful for adjusting monitors and setting up live shots with center cross hair, frame, dots, H lines, V lines and an adjustable rectangle. Version 1.0. Author: Mike Berro FF70, AM18

setlace Program to toggle interlace mode on and off. When used with a black background, and amber or green characters, produces a nice CLI environment. Author: Bob Pariseau FF9, AM24, AM4, AM1

SetMouse2 Program to set the mouse port to either the left port or right port. Author: Robert Burns at Commodore-Amiga FF20

SetPALorNTSC A couple of utility programs for testing the suitability of a developed program in either the PAL or NTSC environments. Includes source and a sample program. Author: Peter Kittel FF162



setparallel Allows the CLI user to dynamically change any particular parallel port parameter. Author: Keith Stobie and Tom Pohor FF6, AM4

SetPrefs Allows you to build a whole library of preference settings and instantly switch back and forth between them. Affects all preference settings not just the colors. Very useful for machines with multiple users or multiple external devices. Includes Amiga's default and various sample preference settings. Binary only. Author: Martin Hippele FF157, AM18

SetSerial.c Set the attributes (parity, data bits) of the serial port. C program. AM4

SetWindow C program makes windows for a CLI program to run under Workbench In source code and as an executable. AM8

Sh Another version of the 'Sh' utility to unshar shell archives. Apparently corrects some problems encountered by similar programs. Until we can get everybody using some sort of 'standard', perhaps if we collect enough of these utilities, we will eventually find one that works with the particular archive we're trying to unshar! Includes source. Author: Jim Guilford FF174

shades One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ShangaiDemo Demo version of the Activision game 'Shanghai'. Submitted directly by Activision for inclusion in the library. FF55

Shapes Simple color shape designer. ABasiC program. AM1

shapes One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Shar Two programs to pack and unpack shell archives on the Amiga. Shell archives are the traditional Usenet method of bundling multiple text files for posting as a unit or for sending via electronic mail. Includes source in C. Author: Fabbian G. Dufoe FF92, FF28

Shared Libraries 'C': C source and executable code that shows the use of shared libraries. Author: John Baez AC2

SharedLib Working example of how to build a shared library. Includes source. Author: James Synge FF79

SharpFont is an 8 pixel non-proportional font. FF105

shell A simple csh style shell with history and some other goodies. Still needs some polishing and enhancement, but is quite nice as it. Thanks Matt!!! We've really needed something like this for a long time. Now if you would just do a ksh version instead...Author: Matt Dillon FF14, AM2

SHELL V2.10 Added enviroment variable support and more. Use ConMan if you want command line editing, I do (it should not be a function of the shell and it isn't in mine). FF168 & 169

Shm A simple graphics demo which approximately simulates the motion of two interacting pendulums. Includes source. Author: Chris Ediss FF97

ShortCut A utility that collects keystroke sequences and allows you to replace them with a single key stroke. Binary only. Author: Opher Kahane FF90

Show A nice, very small slideshow type program, version 2.1, binary only. Author: Andry Rachmat FF60

showbig Executable program which will view hi-res pics in low-res superbitmap. Documentation included. AM12

ShowBiz A fun animation with mice, a dancing alligator, a sheep on a trampoline, and more. Includes source in 'director format'. Author: Robert Corns FF261

ShowDisk A useful program that graphically shows the map of sectors used on floppy drives by one or more files. The mapping is color coded so you can identify what sectors are used by the various directories and files. Includes source in assembly language. Author: Bernhard Meisner FF269

ShowHAM Program to display HAM (Hold And Modify) mode images from the CLI environment. Executable only. FF32, AM7

ShowILBM: A program that displays lo-res, hi-res, interlace and HAM IFF pictures. Author: Russell Wallace AC5, AM7

ShowPrint A full-feature IFF picture file screen dump utility. Can display and print all sizes of pictures including those larger than the screen. Allows adjustment of printer output in three modes: ASPECT, FULL, and CUSTOM output. Print vertically or horizontally, in B&W, grey scale, or color, etc. Binary only. Author: Brian Conrad FF90, AM16

ShowPt CLI program changes your pointer to a given pointer. AM26

Show_PrintII Views and prints IFF pictures, including larger than screen. AM22

Shuffle A basic screen shuffler. Re-defines the key combination Left-Amiga-M to push the FRONT screen to the back, instead of pushing the Workbench screen to the back. Includes source. Author: Rob Eisenhuth FF229

shuttle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM8, AM1

ShuttlePatch A shuttle mission patch in an IFF picture. AM6

sign. This is an updated version of the program released on FF12, and now includes full source. Author: Barry Whitebook @ Commodore-Amiga FF14

SignFont A keymap and font that will allow the user to be able to type in American Sign Language, provided that one knows the font. Author: Glyn Gowing FF211

SiliCon A smart input line interpreter that provides a separate command window with full editing and recall of previous commands. Actual name is 'Sili(Con:)'. Binary only. By Pete Goodeve FF102

Sim A simulator for register-transfer nets, which are used to describe hardware systems. This version also provides a compiler to define new devices in addition to Sim's internal devices. V4.2, an update to FF229. Binary only. By Gotz Muller FF291, FF229

SimCPM A CP/M simulator for the Amiga. Simulates an 8080 along with H19 terminal emulation. Includes source. This is V2.3, an update to FF109. By Jim Cathey; Amiga port by Charlie Gibbs and Willi Kusche FF186, FF109

SimGen This program will add a 2 or 4 color picture to your WorkBench screen. If the picture is digitized, it will look much like a genlock, hence the name SimGen (Simulated Genlock). Binary only. Author: Gregg Tavares FF243

SimpleReq An example of a custom requester from Modula-2. AM11

singlePlayfield Creates and displays a 320 by 200 by 2 bit plane single playfield display. Completely covers Intuition's display, but gives the system back at exit. Author: Rob Peck FF5

singplay.c Single playfield example. C program. AM4

Sit An update to the Set Icon Type program from FF 107. Version 1.10, includes source. Author: Stephen Vermeulen FF137

sitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Size CLI program shows the size of a given set of files. Executable program and documentaion. AM19

SizeChecker Size checker uses a list of possible sizes of a file to check for unexpected changes in the size of those files. For example, it can be used to spot a link virus or to point out changes in the configuration of your system. With the appropriate comments added to your size list, you can check to see what version of the files you are using (1.2, 1.3, 1.4, ARP, etc). Version 1.0, binary only. Author: Roger Fischlin FF244

Sizzlers A series of graphics demo programs. Version 1.7.0, binary only. Author: Greg Epley FF90, FF50, AM15

Skel A skeleton workbench application that makes writing workbench programs easier. Provides routines for main, initialization and termination, gadget and menu handling, argument processing, help window, about requester, etc. Version 1, includes source. Author: Joel Swank FF304

sketchpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SkewB Rubik cube demo in hi-res colors, C program in C source code and executable. AM3

skewb Not quite sure what this is supposed to be, it was downloaded from a BBS with no documentation. C'mon folks, at least put a three line description at the start of your programs! Author: Raymond S. Brand FF9

Skinny C Bob Riemersma's example for making small C programs. Source code, executable program, and documentation. AM19

SKsh A ksh-like shell for the Amiga. Some of its features include command substitution, shell functions with parameters, aliases, local variables, local functions, local aliases, powerful control structures and tests, emacs style line editing and history functions, I/O redirection, pipes, large variety of built-in commands, Unix style wildcards, Unix style filename conventions, filename completion, and coexistence with scripts from other shells. Well documented. V1.3 Binary only. By Steve Koren FF309, FF291

skysetserial Allows the CLI user to dynamically change any particular serial port parameter. Author: Keith Stobie and Tom Pohorsky FF6

SlavicFonts A whole bunch of new fonts from Robin LaPasha. Version 1.0. Author: Robin LaPasha FF202

Slicer Slicer computes and displays images of the Mandelbrot and Julia sets. Unlike many Mandelbrot programs that generate pictures directly, Slicer computes and stores an array of raw data which it may then render into pictures in a number of ways. Version 1.0, binary only. Author: Gary Teachout FF249

SlideMaster A slideshow program that can show any IFF ILBM picture, including HAM, extra half bright, hires, interlace, and overscan, using several different wipes. Also has an ARexx port and is fairly small. Version 0.1, binary only. By Aric Caley FF274

slideshow Instructional text to produce your own slideshows from the Kaleidoscope disk. AM12

SlideShow Very nicely done slide-show program written in assembly language. Features forward/backward presentation and creative screen wipes. Currently works only with IFF lo-res pictures. Executable only along with some new IFF pictures to have come my way. Shareware ($16). Authors: Mike McKittrick and Sheldon Templeton FF151, AM6

slot A slot machine game written in AmigaBASIC. AM11

SlotCars A fast action one or two player game of 'dueling' slotcars. Shoot rockets at your opponent and avoid his. Binary only. Author: Brian Moats FF254

SmallC An Amiga port of the Small-C compiler, written by Ron Cain and published in Dr. Dobb's Journal, in about 1980. Small-C is a rather small subset of the full 'C' language However, it is capable of compiling itself, and other small, useful programs. Requires an assembler and linker to complete the package and produce working executables. Includes source and binary. Author: Ron Cain. Amiga port by Willi Kusche. FF141

SmallClock A small digital clock in a window menu bar as a C program. AM8

SmallLib A replacement for amiga.lib that is about 8 times smaller. Binary only Author: Bryce Nesbitt FF92

SmartIcon This shareware program, submitted by the author, is an Intuition objects iconifier. Version 1.0 is limited to iconifying windows, which is still very handy. It adds a new 'iconify gadget' to each window, that when clicked on, iconifies the window into an icon in the ram: disk. This is the same version as released on FF134, but now includes the source code. By Gauthier Groult FF214, FF134

Smith-Corona D300 Printer driver for the Smith-Corona D300. AM9

Smus3.6a An enhanced version of the smus player that last appeared on FF58 Author: John Hodgson FF167

Smush Another display hack, feed it an IFF file and see what happens. Binary only. Author: Hobie Orris FF81

SMUSPlay Amiga Music Player AM23

SmusPlayers Two SMUS players, to play SMUS IFF music formatted files. Executables only. Author: John Hodgson FF58

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Snake A variant on the old 'bouncing lines' program, this one uses multiple vertices and Bezier splines. Includes source. Author: KABjorke FF89

Snap A tool for clipping text or graphics from the screen, using the clipboard device. Snap finds out character coordinates automatically, handles different fonts, keymaps, accented characters, and more. Version 1.3, includes source. Author: Mikael Karlsson FF274

SnapShot A small utility for dumping screens. This one works like POPCLI and stays dormant until you press Ctrl-Esc. Previous release on FF66 did not work with with expansion RAM, this one does. Binary only. Author: Francois Rouaix FF73, FF66

snare drum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

SnipDemo Demo version 1.23 of signal processing program sold by Digital Dynamics. Binary only. Author: John Hodgson FF199

SnipIt An input handler wedge which allows you to clip text from any window and then paste that text anywhere, as though you had typed it on the keyboard. You mark the text you want to 'snip' using the mouse, and then use the mouse to 'paste' the last snipped text into the active window, requester, or anywhere. Version 1.2, includes source. Author: Scott Evernden FF217

Snow AmigaBASIC makes snowflake designs. AM25

SnowFall Another program in the long tradition of screen hacks for the amiga. Watch the snow fall, get blown around by the wind, and collect in realistic heaps. Includes source. Author: Lars Clausen FF303

Softballstats Maintain softball statistics/ team records. AM25

Sol Amiga version of solitaire game posted to usenet some time ago and modified to use Amiga console control codes in place of curses calls. Includes source. Author: David Goodenough; Amiga port by Joel Swank FF103

Solitaire Two new ABasiC games, Canfield and Klondike. Author: David Addison FF32

Solve Linear equation solver in assembly language. Source code, executable program and documentation. AM19

SonixPeek A utility to let you list all the instruments used by one or more Aegis Sonix score files. It can scan individual files, or search one or more directories, checking all score files in each directory. The output is a list of all the instruments you need to have present in order to be able to play the indicated score files. Includes source. Author: Eddy Carroll FF217

sortc A quicksort based sort program, using separate driver and sort modules. Originally from a DECUS C distribution. Claims to be fast, but when operating entirely out of RAM takes 93 seconds to sort its input file, sort.c, while AmigaDOS's sort takes only 43 seconds under the same conditions Author: Dave Conroy, Martin Minow, and Ray Van Tassle FF6

Sounddemos Some very nice demos for showing off the incredible audio power of the Amiga! 100% assembly language, make sure you have the stereo connected for these! Author: Foster Hall FF167

SoundExample A double buffered sound example for Manx C using 16-bit ints, small code, and small data. Author: Jim Goodnow FF55

Sounds Text explanation of Instrument demo sound file format. AM1

Sozobon-C Atari ST version of what appears to be a full K&R freeware C-compiler, assembler and linker. The compiler main pass and the assembler were compiled and tested on an Amiga A2000 with only minimal changes, and they appear to work (to the extent that they believe they are running on an Atari-ST), so an Amiga port should be relatively easy. Author: Sozobon, Limited. FF171

SpaceAceDemo Shareware shoot-em-up spaceship game. Binary only. Author: Stephen McLeod FF90

spaceart One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

SpaceLog A database containing data for all of the man related space missions of the United States and the Soviet Union that were related to the development of manned space flight, from the beginning of the space age to the present (368 missions), listed in chronological order. Includes an AmigaBASIC program to manipulate the database. Version 1.54, binary only. Author: Gene Heitman FF305

sparks Graphics demo that draws a 'moving pathway', adding to the front and removing from the tail (sure is hard to come up with verbal descriptions of these things!) By Scott Ballantyne FF9, AM1

Spawn Programmer's document from Commodore Amiga, describes ways to use the Amiga's multitasking capabilities in your own programs. AM15

Speaker Speech utility. ABasiC program. AM1

SpeakIt Speech and narrator demo. ABasiC program. AM1

speakspeach One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

speaktime Speaking program which will tell the time. Executable program and documentation. AM12

speech Sample speech demo program. Stripped down version of 'speechtoy' Author: Rob Peck FF1

speech.demo A simplified version of speechtoy. Also includes exec support functions for extended IO requests, CreateExtIO() to allocate and initialize a new IO request block and DeleteExtIO() to free an extended IO request block By Rob Peck FF5

speecheasy One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SpeechTerm Terminal emulator that can speak the received text. Also has XMODEM file transfer. Author: Leftheris Koutsofios FF20

speechtoy Latest and greatest version of Dave's cute speech demo program. Comes with custom icon so you can be run from a workbench screen. Author: Dave Lucas FF5, FF1, AM4, AM1

Speed A performance benchmark useful for comparing Amiga processing speeds. Performs 10000 iterations of some selected groups of 68000 instructions while using the DateStamp time function to record how many ticks it takes to complete. This timed duration is then compared against two known prestored times, one for a stock A2000 Amiga and one for an A2620 enhanced A2000. A relative comparison is calculated and displayed. Version 1.0, includes source in assembly language. Author: Jez San FF237

SpeedDir Another faster directory lister type program. This one uses the standard dir utility format for displaying directories. Written in assembler, includes source. Author: Bryce Nesbitt FF75

Spell A port of a Unix version of a freely distributable screen oriented, interactive, spelling checker. Update to FF54, with enhancements by Tomas Rokicki. V2.0.02, includes source. Author: Pace Willisson; enhancements by Tomas Rokicki FF191, FF13

Spelling simple spelling program in AmigaBASIC. AM8, AM1

Spew Program which generates amusing 'National Enquirer' type headlines. Works from a 'rules file' which describes how the headlines are to be constructed. Includes source. Author: Gregory Smith (original by 'mark@pixar') FF69

sphere One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Spiff Make controlled approximations between two files. Similar to 'diff' but more versatile. Allows for the handling of numerals as string literals or numeric values with adjustable tolerances. Provides for embedded commands, scriptfiles, and many other command-line parameters. Potentially very useful, but needs some Amiga-specific work. Source and some example files included. Author: Dan Nachbar, Bell Communications Research (BELLCORE) FF172

Spigot This ray-traced animation, using overscan HAM and sound effects, is Eric's entry to the 1989 BADGE Killer Demo Contest– it won 6th place. Binary only. By: Eric J. Fleischer (Dr Gandalf) FF272

Spin3 Simple program that creates spinning cubes and transforms them into op-art. Example of how to create a double buffered display with color tables that can be changed. Author: Ronald Peterson FF32, AM12

SpinPointer While going through some musty archives I found this little gem that got overlooked before. It is a short source module that provides a 'busy' indicator replacement for the standard mouse pointer. Includes source. Author: Mark Rinfret FF269

spiral One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Splines Program to demonstrate various curve fitting and rendering techniques. Also includes something unique for the Amiga world, pop-up menus. Includes source. Author: Helene (Lee) Taran FF97

Spool The SPOOL system consists of 3 programs: A queue manager, a printer driver, and a SPOOL request program. The SPOOL system demonstrates the power of the Amiga's mutitasking abilities in a very practical way. It makes extensive use of Amiga Exec's message passing facilities and list-handling primitives. Version 1.2, includes source. Author: Tim Holloway FF69

SpreadSheet A simple 'Visicalc-like' spreadsheet calculator. Also known as 'vc' but there is currently a debate about whether or not that name is a registered trademark. The version on FF36 was based on an earlier version of the same source. This release also includes source code. Author: James Gosling, Mark Weiser, and Bob Bond Amiga port by Dave Wecker FF53

SpriteClock A very simple clock that uses a sprite as it's display medium, thus allowing it to be displayed on top of all other screens. Includes source in assembly language. Author: Darrel Schneider FF43

SpriteEd Lets you simultaneously edit two sprite pairs to form a double wide sprite image. Suggested $10 donation. Author: Scott Lamb FF40

SpriteMaker Program which lets you paint sprites and then converts data structure to be used in programs. Allows interactive testing of the sprite as a pointer. Suggested shareware donation of $15 for source code and updates Author: Ray Larson FF35

SpriteMasterII Sprite editor and animator by Brad Kiefer. Executable program and documentation. AM20

Sproing Same as Oing but includes sounds of balls colliding with boundaries. Author: Leo Schwab FF33

SPUDclock A simple program that uses the narrator device to speak the time at certain user specified intervals. Lots of command line options. Version 1.2, includes source. Authors: Robert E. Beaty and H. Bret Young FF165

Sq.Usq Portable versions of the CPM sq and usq utilities. Author: R.Greenlaw, many changes by Bill Swan FF51, FF10, AM2

Stack is a replacement for the BCPL stack program. Includes some source. Author: Glen McDiarmid and Kirk Davies FF105

Stairs This AmigaBASIC program demonstrates a musical illusion based upon perceptual circularity of widely spaced tones whose volumes are defined as a sinusoidal relationship to their frequency. Author: Gary Cuba FF121

Star Destroyer A hi-res picture of the Empire's Star Wars starship. AM12

Star Wars IFF picture of the enemy walkers from the ice planet AM15

star10 Assembler program, makes star fields like Star Trek intro. In C source code and executable. Documentation included. AM12

StarBlanker A screen blanker that replaces your display with a randomly chosen animated starfield. Version 1.00, includes source in Modula-2. Author: Chris Bailey FF308

StarChart Nicely done intuition based program to display and identify about 600 stars, galaxies and nebulae visible in the Northern hemisphere. Version 1.2, includes source. Author: Ray R. Larson FF159

Starflight An IFF picture. AM6

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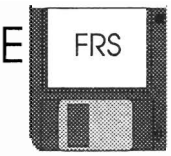

StarProbe Program studies stellar evolution. C source included for Amiga and MS-DOS. In C source code, executable, and documentation. AM18

Stars Hobie's entry for the Badge Killer Demo Contest. Based on original code by Leo Schwab, has credits longer than the actual demo. Runs on 512K Amiga. Binary only. Author: Hobie Orris FF118, FF33

StarTerm Another terminal emulator program. ASCII and XMODEM support, telephone dialer, function keys, load file stripping, text file conversion, full/half duplex, Author: Jim Nangano and Steve Plegge FF12, AM8

StarTerm Starterm version 3.0. Very nice telecommunications program Author: Jim Nangano Author's suggested shareware donation: $20 FF30

StartUps Three replacements for the standard C startup files, Astartup.obj and LStartup.obj. The options include: (1) BothStartup.obj, for WorkBench programs or CLI programs with or without command line parameters, (2) WBStartup.obj, for WorkBench programs or CLI programs that require no command line parameters, and (3) CLIStartup.obj, for CLI programs that require command line parameters but do not need to be able to be runnable from WorkBench. Includes source. Author: Bryce Nesbitt FF101

StartupTip Text file tips on setting up your startup-sequence file. AM9

Stat An enhanced version of AmigaDOS 'status' command. AM15

Stats Program to calculate batting averages. AM15

StatueOfLiberty Evening view of the great lady's profile in an IFF pictiure. AM7

StealMemBoot A small utility designed to be a direct replacement for NoFastMem kind of programs. It modifies the boot block of a disk, so when you boot with it, all memory allocations will return only CHIP memory. Author: Alex Livshits FF150

steel drum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Steinschlag A tetris like game (Steinschlag means 'Falling Rock') submitted by the author. This is version 1.8, an update to version 1.5 from disk 221. Binary only. By Peter Handel FF238, FF221

STEmulator Turns your Amiga into an Atari ST (sort of). Be sure to read the README file for the true story. By David Addison FF43

StereoDemo A demo of stereoscopic graphics, written in assembly language. Requires red/green stereo glasses to view. Includes sources. Author: David M. McKinstry FF206

Stevie A public domain clone of the UNIX 'vi' editor. Supports window-sizing, arrow keys, and the help key. This is V3.7a, an update to FF217. Changes include the addition of ARP wildcard expansion for file names, support for the '!cmd' feature of vi, other small enhancements, and some bug fixes. Includes source. Author: Various, Amiga work by G. R. (Fred) Walter FF256, FF217, FF197, FF166

STReplay A shared library which allows loading and playing of SoundTracker modules, even from high level languages like Basic or C, without any special effort. Includes source. Author: Oliver Wagner FF258

String, Boolean C programs and executables for Harriet Maybeck Tolly's Intuition tutorials. In C source code, executable program, and documentation. AM19

StringLib A public domain reimplementation of the UNIX string library functions Author: Henry Spencer @ U of Toronto FF29

Strings A simple utility with command-line options for locating strings in a binary file. V 1.0, includes source. By Joel Swank FF174

stripc Strips comments and extraneous whitespace from C source files. Useful for compacting the C header files to increase usable disk space. Author: Chris Metcalf FF6

StripCR This little program just makes a text file ready for use with AmigaDOS, with only LineFeed characters (LF) to mark the end of a line. If you feed it a file with ONLY Carriage Return characters (CR), (from a Macintosh for example) it will replace them with the LF character and, if the file requires no changes, then it does not get changed, includes source in assembly. by: Bill Nelson FF237

striper One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

StripLF Completes the set of StripCR and PlusCR. It will change an LF only file into a CR only file. If used in combination with StripCR and PlusCR, it completes a text file conversion system, includes source in assembly. Author: Bill Nelson FF237

Subscripts Ivan Smith's AmigaBASIC subscript example. In C source code and documentation. AM19

Sugar A HAM picture of a blond girl FF72

SugarPlum Plays "The Dance of the Sugarplum Fairies". ABasiC program. AM1

SunMaze The 3d maze demo from disk 171, now expanded with shadows in the corridors to give more sense of direction. Includes source. Author: Werner Gunther, Shadows by Dirk Reisig FF255

SunMouse Makes your mouse behave like the Sun Microsystem Sunwindows mouse. You no longer have to 'click' in a window to make it active. Just move the mouse pointer into the window and start typing. Version 1.0, binary only. Author: Scott Evernden FF65

SuperBitMap An example program that shows how to use ScrollLayer, how to sync the SuperBitMap prior to printing, and how to create a dummy rastport for dumping the SuperBitMap. Works under 1.2 and up. Author: Carolyn Scheppner and Phil Lindsay FF28

SuperEcho A neat program to be used with Perfect Sound-like audio digitizers that generates LIVE audio effects, including Echos, Deep Voice, Squeaky Voice, Many People, M-M-Max Headroom and much more. Binary only. Author: Kevin Kelm FF300

SuperLines A new lines demo with a realtime control panel that you can use to change various aspects of the action. Has 10 built in color palettes, support for things like color 'smudge', color cycling, color 'bounce', multiple resolutions, and can display either lines or boxes. This is version 1.0, binary only. Author: Chris Bailey FF243

SuperMenu An information display system you can use to quickly and easily display text files (and sections of text files) with the press of a button. Version 1.62, shareware, binary only. Author: Paul Thomas Miller FF297

Supermort A general compounding/amortization routine, using the intuition environment, which can be used for mortgage/loan computations. Binary only. Author: Mark Schretlen FF59

superpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SuperRetLab Prints return address labels 3-up on single-wide 3.5 inch by 7/16/ inch label stock. Can print up to 5 lines per label. Version 1.1, includes source. Author: Joel Swank FF304

Suplib The support library needed to rebuild various programs of Matt's from the source, including Dme, DMouse, etc. Update to FF169. Source. By: Matt Dillon FF258, FF168 & 169, FF126

suprshr One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Surf Generates bezier surfaces of revolution. Will produce some amazing pictures of wineglasses, doorknobs, or other objects one could turn on a lathe. Includes the capacity to map IFF image files onto any surface that it can draw. Source included Author: Eric Davies FF170

Surveyor A little utility that opens a window on the current screen and displays information about the pointer. Allows for absolute or relative measurement between two points on the screen. Very handy for precise positioning of icons and such. Includes source. Author: Dirk Reisig FF151

SVprintf UNIX system V compatible printf(). Assembler AM2

SVTools Some additional useful tools from Stephen Vermeulen. Includes a new version of Vnews, sit, setstack, retool, memlist, fragit, and yoyo. Includes source. Author: Stephen Vermeulen FF107

sweep.c Sound synthesis example. C program. AM5

switch A pachinko-like game written in AmigaBASIC. AM11

Sword Sword of Fallen Angel. Text adventure game written in AmigaBASIC. Author: Andry Rachmat FF32

Synthemania An interesting, very small (and very persistent!) musical piece. If you plan on stopping it without using three fingers, you better read the document file first! Binary only. Author: Holger Lubitz FF153

Synthesizer A sound program in AmigaBASIC. AM9

System config File makes screen 80 columns wide of text in the Scribble! word processor. AM26

T.Rex A tyrannosaurus rex in an IFF picture. AM6

Tab A tablature writing program for the Amiga, with inStruments for a banjo and a string guitar. Binary only. Author: Jeff deRienzo FF145

TACL An adventure player for games written with The Adventure Construction Language, a commercial computer language. Includes two sample games; one is text-only and the other is text-graphic. Binary only, plus the TACL source code that was used to write the graphic adventure. Author: Kevin Kelm and Rhett Rodewald FF300

TagBBS Version 1.02 of a shareware BBS system. Suggested shareware donation is $25. Binary only. Author: Patrick Hughes FF66

talk One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Tank This is Vincent's entry for the First Annual Badge Killer Demo Contest. It is an animation of a 'fishtank simulator', with sound effects and a cute twist. Binary only. Author: Vincent H. Lee FF200

Target A little program which takes over the mouse pointer and turns it into a gunsight. Pressing the mouse button flashes the pointer and gives a gunshot. Version 1.23, binary only Author: Matt Fruin and Michael McCarty FF81, AM21

Tarot An AmigaBASIC program written by the author as an exercise for learning BASIC. Contains some nice graphic renditions of tarot cards. Author: L.Pfost FF124

TarSplit A port of the OS/9 program that extracts files from UNIX tar archives Author: James Jones. Amiga version by Mike Meyer. FF53

Tartan AmigaBASIC; design Tartan plaids. AM26

Task Simple example of how to use CreateTask. Includes source. Author: Carolyn Scheppner FF79

TaskControl Nicely done task-handling program allowing you to put to sleep, kill or change priorities of all the currently loaded tasks. Also potentially GURU-producing, so be careful what tasks you kill, change priorities of, etc. Handy window sizer will reduce it almost to an icon to hang around until you want to use it. Binary only. Author: J. Martin Hippele FF159

TaskX A 'real-time' task editor. Lets you list and set the priorities of all the currently running tasks. Binary only, Version 2.0. Author: Steve Tibbett FF158

TCB Prints information about tasks and processes in the system; assembler source is included. AM26

TDebug Monitor a device by intercepting the EXEC SendIO and DoIO vectors. This will give you most of the IO request information for any device. Version 1.00, includes source. Author: Matt Dillon FF74

Teacher Teacher is a short, simple hack. I won't spoil the fun by telling you what it does. Includes source. Author: Jonathan Potter FF204

Tek An enhanced version of Dave Wecker's vt100 (v2.6) which includes emulation for a Tektronix 4010/4014 graphics terminal. This is a much improved version of the Tek4010 program from FF52. Includes source. Enhancements by Nick Giordano and Terry Whelan FF108

Tek4010 A Tek 4010 emulator. Author: Terry Whelan, with changes by Steve Poling FF52

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Tek4695 A Tek4695 printer driver. Binary only. Author: Philip Staub FF87

Tek4695 A Tektronix 4695/4696 printer driver. Includes source Author: Philip Staub FF96

TenSpeed A ten-speed in an IFF picture. AM6

termcap A (mostly) UNIX compatible implementation of a termcap library. First ever public release. Author: Fred Fish FF14

terminal One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Terminator: A virus protection program. Author: Russell Wallace AC5

TermPlus Yet another variant of Michael Mournier's AmigaTerm program. This one includes improved ASCII capture, CRC and checksum xmodem protocol transfers, CompuServe B-protocol transfers, a phone library, function key support, and limited AmigaDOS functions. Author: Enhancements by Bob Rakosky FF33

termtest One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Terrain Program which demonstrates generation of good looking pseudo-random scenery. Includes source in Draco. Author: Chris Gray FF61

Terrain 3D Program which demonstrates generation of good looking pseudo-random scenery. This version is a derivative of 'sc' distributed on disk 87, but now displays terrain in 3D relief. Includes source. Author: Chris Gray; 3D version by Howard Hull FF94

TES 'The Electronic Slave' adds a gadget strip to the top of the cli window to perform such functions as device directories, info, run ED, and time. Currently, assignments are hardcoded but not difficult to change if you own a compiler. Version 1.1, includes source. Author: Joerg Anslik FF162

Tetrix A addictive game of speed, skill and luck. Based on a game originally called Tetris. The object is to fit together oddly grouped falling blocks to create a solid wall, which is then cleared from the bottom up. Sounds simple enough right? Sure...! Shareware, Version 1.1, Binary only. Author: David Corbin FF173

TeXDdemo A demo version of TeX, ported to the Amiga by Tomas Rokicki. I have added 'less' to read the text files. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using xcopy, which preserves the file dates. This insures that disk fragmentation is kept to a minimum. In order to make room for the files I have added, I have compressed the file TeX/inputs/amigatex.tex using a version of compress (compress.b13) that should run on any standard 512K amiga. This version of compress is found in c/compress.b13. To recover the original file, execute the commands: cd AmigaLibDisk83:TeX/inputs :c/compress.b13 <amigatex.tex.Z >ram:amigatex.tex -d. Since this is a demo version of Tom's commercial product, it has several limitations that let you get the flavor of the real thing but encourage you to buy the commercial version. These limitations include TeX being limited to processing only small files, the previewer being limited to displaying ten pages or less, and only a small number of fonts being provided. The full version of AmigaTeX comes on eight floppies and will handle larger documents than most mainframe versions of TeX. See the tex/README file for further info.-Fred FF83

TeXF A selection of 78 TeX fonts, with a conversion program to convert them to Amiga fonts. There are 22 different fonts at various sizes, ranging from 15 pixels high to more than 150 pixels. The conversion program can also be used with the fonts distributed with AmigaTeX, yielding an additional 1000 or so more fonts for use with other Amiga programs. Version 2.5, binary only. Author: Ali Ozer FF135

text.demo Sample program that asks AvailFonts() to make a list of the fonts that are available, then opens a window and then prints a description of the various attributes that can be applied to the fonts, in the font itself. Previous versions were released as 'whichfont'. Author: Rob Peck FF5

TextDisplay A text display program, like 'more' or 'less', but about half the size and handles all screen formats (pal/ntsc, interlace/non-interlace, etc). Binary only. Author: Roger Fischlin FF244, FF188

Textra This easy-to-use text editor allows multiple windows, and provides a simple mouse driven interface. Those familiar with the 'Macintosh style' editors will be comfortable with Textra's Cut, Copy and Paste commands. Standalone image. Documentation included. No source code. Author: Mike Haa FF239

Texts An article on long-persistance phospor monitors, tips on making brushes of odd shapes in Deluxe Paint, and recommendations on icon interfaces from Commodore-Amiga. AM14

Thai A simple Thai quiz program developed by the author while he was learning the Thai language. It loads complete Thai sentences and words from a supplied file. If you click on the sentence or word gadget the program will pick a random sentence/word. You then click on the Thai/Speak/Phonetic/English gadget to display that version (or speak it). Includes source. Author: Alan Kent . FF98

The KickPlay Dir Several texts that describe several patches to the Kickstart disk. For Amiga 1000 hackers who feel comfortable patching a disk in hexadecimal, KickPlay offers the chance to automatically do an ADDMEM for old expansion memory, as well as the ability to change the picture of the "Insert Workbench". AM25

ThreeDee 3D function plots. ABasiC program. AM1

tictactoe The classic game written in AmigaBASIC. AM11

Tiles A basic tile game like Shanghai or GunShy. A board is covered with a set of 144 tiles, 36 different sets of 4 identical tiles, each with a picture on it. The object is to remove all the tiles, 2 at a time, by matching identical tiles. Version 2.1, includes source in Modula II. Author: Todd Lewis FF241

Tilt Another of Leo's cute little toys. This one makes your Amiga look like it didn't pass Commodore's vibration testing. Author: Leo Schwab FF54

timedely.c sSmple timer demo. C program. AM4

timer Simple timer example program. Includes dynamic allocation of data structures needed to communicate with the timer device, as well as the actual device IO. Author: Rob Peck FF5

Timer Creates a small window containing a timer. Version 1.5, binary only. Author: Bill Beogelein FF90

timer.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

timer.c Exec support timer functions. C program. AM4

TimeRAM A program to test the access speeds of Fast and Chip RAM. Binary only. Author: Bruce Takahashi FF96

TimeSet Handy little utility to set the system time from the workbench environment, without resorting to preferences. Binary only. Author: Unknown (DEH?) FF71, AM9

timrstuf.c More exec support timer functions. C program. AM4

TinyProlog VT-PROLOG is a simple prolog interpreter provided with full source code to encourage experimentation with the PROLOG language and implementations. Version 1.1, includes source. Author: Bill and Bev Thompson FF145

TitleGen A simple script language program for generating vertically crawling title sequences in any font and up to 500 lines long. Good for video production. Version 1.6, binary only. Author: Kevin Kelm FF300

TitlePage Prints banner-type title pages for identifying listings. Lots of command-line options for specifying various fonts, pitches, typestyles, selectable centering, etc. Includes source. Author: Joel Swank FF174

tom One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

TooMuch3D This animation is Jim's entry to the 1989 BADGE Killer Demo Contest, where it won 10th place. It is a warning to those of you who spend too much time in front of your computer monitors. Binary only. Author: Jim Robinson FF270

topography One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Touch A simple command to set the date of a file to the current date. Uses new supported method of setting a file date stamp (rather than reading and writing back a byte) Author: Phil Lindsay and Andy Finkel FF49

toybox One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

trackdisk Demonstrates use of trackdisk driver. Useful example of 'raw' disk read/write. Author Rob Peck FF5, FF1

Tracker Useful debugging routines similar in function but more versatile to those of 'MemTrace' on FF163. Will track and report on calls to AllocMem(), FreeMem() [or lack thereof!] among others. V0.0a (Alpha release). By Karl Lehenbauer FF181, FF35

Trails Cute little program that leaves a trail behind the pointer when the mouse is moved. The trail has programmable symmetry, thickness, and length. The other interesting thing about this program is that it is written in Modula-2 (source provided). Author: Richie Bielak FF32

translator.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Tree A very simple directory tree traversal program, written primarily as an aid to creating zoo archives and disk backups. Has options to exclude certain directories or files with specific extensions. Includes source. Author: Tomas Rokicki FF306

Tree Draws a recursive tree (green leafy type, not files). Author: Robert French (original version by W. Balthrop) FF31

Trees Another 'tree growing' program, similar to the one on FF31, but more extensive. Author: Unknown; Amiga version by Terry Gintz FF49

Trees and Recursion: An introduction to binary trees and how to use recursion. Written in C. Author: Forest Arnold. AC7

trees.o UNIX compatible tree() function, Assembler program. Object file and documentation provided. AM2

TreeWalk A command for visiting all the files of a subtree of an Amiga file system, testing every file in the specified subtree against a supplied 'filter' expression, and if the file passes through the filter, to issue the specified command with that file as one of the arguments. It is designed to be reasonably fast, robust, and not use a lot of stack space or any other critical resources. Includes source. Author: Mike Meyer FF289

trek73 A Star Trek game. This one is just crying out to be Amigaized by some ambitious hacker. Authors: Many, see comment in main.c FF10

TrekTrivia Very nice mouse-driven trivia type program for Star Trek fans. Contains 100 questions with additional trivia disks available from the author. This is version 2.0, an update to the version on disk 180, and includes selectable skill levels, a cheat mode, and 250K of digitized music. Binary only, shareware. Author: George Broussard FF252, FF180

triangle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

TriClops Very nice graphics oriented 3D space invasion game. This was previously a commercial product which is being released into the public domain for promotional purposes (they are working on a multiuser, multimachine version) Author: Unknown, published by Geodesic Publications FF35

Triple 3 demos of some of the Amiga's graphics and sound capabilities. Binary only. by: Tomas Rokicki FF206

Tsize A simple utility to print directory tree sizes. Displays the total size of all files and subdirectories within a given directory Author: Edmund Burnette FF35

TSnip Very nice 'cut and paste' type utility with lots of uses and functions. Features a pop-up intuition control panel, multiple font and color recognition, clipboard and pipe support and a couple of utility programs. V1.4a, source for support programs only. By John Russell FF179

TUC 'The Ultimate Clock'. Another window title clock/memory minder. This one is in 132 columns! Also gives the free memory on drives DF0, DF1 & DF2. Includes source. Author: Joerg Anslik FF159

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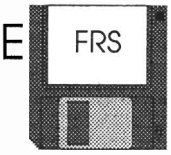

Tumblin' Tots: A complete game written in Assembly language. Save the falling babies in this game. Author: Davd Ashley AC1

Tunnel An interesting graphics demo written in TDI-Modula 2. I suggest you don't stare at this too long! Includes source. Author: Garth Thornton FF174

TunnelVision Another fine ABasiC game from David Addison. This is a maze game with a 3-D perspective view from inside the maze Author: David Addison FF36

Turbo Opens a small window with a gadget that when selected, turns off bitplane, sprite, copper and audio DMA, presumably to increase system speed. Includes source. By Oliver Wagner FF170

TurboBackup A fast mass floppy disk duplicator with enforced verify mode to prevent generation of incorrect copies. Version 1.00, binary only. Author: Steffen Stempel and Martin Kopp FF139

TurboMandel A fast mandelbrot program, written in a mix of C and assembly language. You can select between using floating point or integer calculation. Other features include a full intuition interface, cycling capabilities, extensive color control, a user definable iteration depth, fully implemented zoom, a 3-D display mode, support for extra halfbrite as well as interlace and hires, IFF load and save, accuracy selections, and more. Version 1.0, includes source in assembly and C. Author: Marivoet Philip FF302

TurMite A two dimensional turing machine simulator. Imagine a small bug crawling around on your computer display moving one pixel at a time. At each step it uses its internal state number and the color of the pixel it's on as indexes into a set of tables to decide what color to change the pixel to, what direction to move, and what its new internal state should be. Includes source. Author: Gary Teachout FF249

Tv*Text Demo version of the TV*Text character generator. AM18

TX Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

TxEd Latest demo version of MicroSmiths' text editor, TxEd. This is the full production version except that files are limited to 10K bytes in length and the search/replace functions are disabled. Also, demo is based on an older version of TxEd, new release has additional features. Author: Charlie Heath FF31, FF20, AM12

Txt filters text files from other systems to be read by the Amiga E.C. AM17

Txt2Exe This program takes a text file, creating a runnable command which will output the text. Allows various operations to be done on the text. Binary only. Author: Oliver Wagner FF286

Ty A text display program based on Amiga 'less' version 1.0. Has both keyboard and mouse control of all functions, an intuition interface, and uses the Amiga specific keys (such as the Help key) correctly. Version 1.3, includes source. Author: Mark Nudelman, Bob Leivian, Tony Wills FF246

TypeAndTell Example program that demonstrates installation of an input device handler before the Intuition one. This example traps all keys typed by the user and pronounces them in real time. Includes source. Author: Giorgio Galeotti FF73

Typing Tutor: A program written in AmigaBASIC that will help you improve your typing. Author: Mike Morrison AC6

Uedit Version 2.5d of this nice shareware editor. Has learn mode, a command language, menu customization, hyper text, and other user configurability and customizability features. Binary only, shareware, update to FF254. Author: Rick Stiles FF286, FF254, FF189, FF173, FF121, FF60

UeditUpdate This is a partial update to the 2.5d version of Uedit on disk 286. It includes only the UES executable, which has had patches d1 through d4 applied. Disk 286 is still needed for a complete Uedit shareware distribution. Binary only. Author: Rick Stiles FF301

Ueturbo Example of extensive customization of Uedit to set up a nice development environment. Includes source. Author: Tom Althoff FF60

undelete Executable program undeletes a file. Documentation included. AM12

UnHunk Tool to process the Amiga 'hunk' loadfile format. Collects code, data, and bss hunks together, allows individual specification of code, data, and bss origins, and generates binary file with format reminiscent of UNIX 'a.out' format. The output file can be easily processed by a separate program to produce Motorola 'S-records' suitable for downloading to PROM programmer. Author: Eric Black FF26

UnIfdef Useful program for removing ifdef'ed sections from a file while otherwise leaving the file alone. Allows one source to be used as a porting base for many machines, without shipping the entire source to every source customer. (Pre-process for their machine and send them only the source for their specific machine). Author: DaveYost FF35

Units Units conversion program, including a chart option which allows you to create charts of conversions. Nifty. Includes source. Author: Gregory Simpson FF74

UNIXArc A version of arc suitable for UNIX System V.Author: System Enhancement Associates FF50

UnixUtil A few CLI utilities, including some functionally similiar to the UNIX utilities of the same names. Included are: Wc, Head, Tail, Tee, Detab, Entab, and Trunc. Descriptions are given in the included '.doc' files. By Gary Brant FF179

UnknownGirl Another small musical piece similar in execution to 'Synthemania' on FF153. Binary only. By Holger Lubitz FF162

Unshar This program extracts files from Unix shar archives. It scores over similar programs by being small and fast, handling extraction of subdirectories, and recognising a wide variety of 'sed' and 'cat' shar formats. Version 1.1, includes C source. Author: Eddy Carroll FF287

Update Used to update an older working disk with files from a newly released disk. Files on the older disk that are out of date will be upgraded with files from the new disk. Author: Unknown, downloaded from Software Distillery FF45

Uranus An IFF picture. AM6

Utilities A group of four little utility programs, Cal, Undelete, DClock and WhereIs. Binary only, see the ReadMe file for a description of each. Author: Dan Schein FF154

UUCP An implementation of uucp for the Amiga, including mail and news. This is Matt's version 1.00 for the Amiga, based on William Loftus's Amiga UUCP 0.40 release with news code from his 0.60 release, and months of work by Matt Dillon to make fixes and add enhancements. Includes source. Author: Various, major enhancements by Matt Dillon FF310, FF152

UUdecode Programs to encode/decode binary files for transmittal via mail, or other text-only methods. Binary file is expanded by approximately 35% for transmittal. Author: Mark Horton FF38

UUencode Programs to encode/decode binary files for transmittal via mail or other text-only methods. The binary file is expanded by approximately 35% for transmittal. This release is an update to the version on FF53, and includes a simple line-by-line checksum technique that can read and write files compatible with the older uuencode/uudecode, plus a file size test modification that is transparent to older uudecodes. Author: Mark Horton with mods by Alan Rosenthal and Bryce Nesbitt FF92, FF53

UUpc Version 1.0 of a suite of programs that will allow you hook up your Amiga as a usenet node. Includes source. Author: Richard Lamb, Stuart Lynne, Jeff Lydiatt FF109

Uw UNIX Windows client for the Amiga. Version 1.00, includes source. Author: Michael McInerny FF79

v1.1h.txt Text, 'diff' of include file changes from version 1.0 to 1.1. AM5

v1.1update Text. list of new features in version 1.1. AM5

v11fd.txt 'diff' of .fd file changes from version 1.0 to 1.1. AM4

v28v1.diff 'diff' of include file changes from version 28 to 1.0. AM4

VacBench This amusing little screen hack will 'clean up' your WorkBench screen for you when it gets too cluttered! Binary only. By Randy Jouett FF184

ValSpeak A filter program which transforms its standard input to 'valspeak' on its standard output. Author: Unknown FF46

Vampire Woman Vampire in LoRes FF72

VAUX-Killer A very funny animation which won 2nd place in the 1989 BADGE Killer Demo Contest. Because of its size, the demo is split across two disks. Two floppy drives, or a hard disk, are strongly recommended. Binary only. Author: Roger Curren FF265 & 266

vc VisiCalc type spreadsheet, no mouse control. Executable program and documentation. AM14

Vc Visicalc-like spreadsheet calculator program. Author: James Gosling, Amiga port by Peter Hardie FF36

VCheck Version 1.2 of the virus detection program from Commodore Amiga Technical Support. This version will test for the presence of a virus in memory, or on specific disks. Binary only. Author: Bill Koester. FF126

VDraw1.16 Shareware drawing program submitted by the author. This version uses menus but includes some items not on version 1.19, also on this disk. Drawing program, based on freedraw, but now transformed and enhanced beyond recognition. Draws hollow boxes, filled boxes, freehand sketches, lines, circles, and arcs. Also has area fill, text insertion, 16 different line patterns, predefined area fill patterns, a magnify mode, cut and paste, color inversion, erase, grid pattern, and more. This is version 1.14. This shareware program (suggested $15 donation) was submitted by the author for inclusion in the library. Author: Stephen Vermeulen FF52, FF38, FF31

Vdraw1.19 Latest version of Vdraw, with a completely new iconic user interface, and some other new features including a color palette mixer and DPaint style brushes, extended cutting features, area locking, and a flexible printing interface Author: Stephen Vermeulen FF52

vendors Older text file of Amiga vendors, names, addresses. AM12

Venus An IFF picture. AM6

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Verify Walks a directory hierarchy reading all files, reporting any files that can't be entirely read. Version 1.2, includes source. Author: Joel Swank FF304

ves copy protection. Executable program and documentation. AM14

VGad A new gadget editor that takes two pictures of the window and its gadgets, one being the normal gadget state and the other being the fully selected state, and then merges the data and converts to C source code. Version 1.0, binary only. Author: Stephen Vermeulen FF137, AC1

Viacom Latest version of viacom for use in conjuction with the WaveBench demo. Binary only. Author: Leo Schwab & Bryce Nesbitt FF112, FF84

vibrophone Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Vidtex Vidtex displays Compuserve RLE pics in source code and as an executable. AM11

View A mouse-oriented text file reader. Sample operation is demonstrated in reading the View.doc file, instead of using the usual 'Less' text file reader. Author: Bryan Ford FF163, FF58, AM14

Viewer A very small program for displaying IFF pictures of any resolution. This one is written in assembly code and is only 988 bytes long. Binary only. Author: Mike McKittrick FF199

ViewILBM Reads an ILBM file and displays as a screen/window until closed. Handles normal and HAM ILBM's. Author: Based on ShowILBM, enhanced by Carolyn Scheppner FF 72, FF44

violin Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Virus Check Dir Several programs relating to the software virus that came to the US from pirates in Europe as detailed in Amazing Computing V2.12. Bill Koester's full explanation of the virus code is included. One program checks for the software virus on a Workbench disk; the second program checks for the virus in memory, which could infect other disks. AM24

VirusControl A new virus detection and control program that checks disks during insertion, protects from link viruses, shows bootblock on a screen, periodically checks system vectors, controls access to files with a requester, etc. V1.3, includes full assembly language source code. Author: Pius Nippgen FF211

VirusX A boot sector virus check program that runs in the background and automatically checks all inserted disks for a nonstandard boot sector. Such disks can optionally have their boot sector rewritten to remove the virus. Includes source. Author: Steve Tibbett FF137

VirusX Version 4.0 of a popular virus detection/vaccination program. This is an update to FF216. Includes a check for the new Xeno virus. Author: Steve Tibbett, Dan James, Jim Meyer FF287, FF216, FF175, FF158, FF154, FF137

Virus_Alert! Yet another anti-virus program with a twist. Once installed a message is displayed just after a warm or cold boot notifying the user that the disk and memory are virus-free, and forcing a mouse-button press before continuing. Anything writing to the bootblock thereafter will destroy the message and a normal virus- infected boot (???) will take-place. Versions 1.01 and 2.01, Binary only. Author: Foster Hall FF154

VisaCard A VISA card in an IFF picture. AM6

VLabel A program to print fancy customized disk labels. It will combine an IFF picture and up to 50 lines of text (which may be placed arbitrarily in any font or point size) and then print the result. The IFF picture can be virtually any size (up to 1008 by 1000). It will also print labels from a batch file produced by SuperBase. Version 1.20, binary only Author: Stephen Vermeulen FF137

Vlt VLT is both a VT100 emulator and a Tektronix (4014 plus subset of 4105) emulator, currently in use at SLAC (Stanford Linear Accelerator Center). Although the VT100 part was originally based on Dave Wecker et al.'s VT100, many enhancements were made. Features include use of ARP, an ARexx port, XMODEM 1K/CRC and Kermit protocols, support for additional serial ports, external file transfer protocols (XPR), a chat mode, and scrollback/review/history buffer. It comes in two versions, one with Tektronix emulation, and one without. The Tektronix emulation allows saving IFF files, PostScript files, and printing bitmaps to the printer. This is version 4.428, an update to version 4.226 on disk 257. The major change for this update is a rewrite of the Tektronix emulation to support almost all of the Tektronix 4105 escape sequences. Binary only. Author: Willy Langeveld FF308, FF257, FF245, FF226, FF202

VMore A shareware program, submitted by the author, that is a 'more' like text file viewing utility that can be run on multiple files from either the WorkBench or the CLI. Version 1.00, includes source. Author: Stephen Vermeulen FF85

Vnews A simple news file reader, that will read all the news files in a specified directory, optionally starting with a specified file. Includes source. Author: Stephen Vermeulen FF85

VoiceFiler Voice filer program for Yamaha DX series synthesizers. Voices are transferred to and from the Amiga over MIDI. Author: Jack Deckard FF38

VPG Video pattern generator for aligning monitors. Executable program and documentation. AM18

VRTest Another anti-virus utility that allows visual inspection of RAM starting a $7E7FE, RAM cleaning, bootblock inspection and vector monitoring/reseting. Written entirely in assembly language. Version 3.2, binary only. Author: Babar Khan FF161

vsprite VSprite example C code from Commodore, S-E-D. AM12

Vsprites A working vsprite example. Author: Eric Cotton FF55

VSprites Vsprite example from Rob's book 'Programmers' Guide To The Amiga' Produces 28 VSprites on screen simultaneously, using only three distinct sets of colors. Includes source. Author: Rob Peck FF61

Vt100 Version 2.9 of the original Amiga vt100 emulator with kermit and xmodem file transfer. This version adds an AREXX port, new script and AREXX commands, some bug fixes, the ability to use custom external protocol modules (not XPR), and support for zmodem. Update to version 2.8 on disk 138. Includes source. Author: Dave Wecker, Tony Sumrall, Frank Anthes, and Chuck Forsberg FF275, FF138, FF114, FF55, FF47, FF41, FF36, FF31, FF29, AM17

VTek V2.3.1 Tektronix graphics terminal emulator based on the VT-100 prog. V2.3 and contains latest 'arc' file compression. AM17

Vttest Program to test compatibility of vt100-compatible terminals and terminal emulators. Requires the resources of a UNIX system to test an Amiga hosted vt100 emulator. (I haven't yet found one that even comes close to passing this test!). Author: Per Lindberg FF35

VU Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

WackCmds Text tips on using Wack. AM1

wailing guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Wanderer A neat little game with graphics and sound, ported from the Unix version, originally written on a Sun workstation. The idea for Wanderer came from games such as Boulderdash, Xor, and the Repton games from Superior Software. Includes a builtin editor for extending the game by adding additional screens. V2.2, includes source. Author: Steven Shipway and others. Amiga port by Alan Bland FF216

WarpText Fast text rendering routines, to be linked with application programs. Reported to be able to display text as fast or faster than, 'blitz'. This is an update to the version released on FF 87. Version 2.0, includes source. Author: Bill Kelly FF96, FF87

WarpUtil Warp (version 1.11), UnWarp (version 1.0), and WarpSplit (version 1.1). Warp reads raw filesystems and archives them into a compressed version in a normal file. UnWarp turns them back into filesystems. WarpSplit splits them up into smaller pieces on a track by track basis. Binary only. Author: SDS Software FF243

WArranger Sends a window, identified by its name, to the front or to the back, without selecting it. Useful in conjunction with AmiCron. Works on all screens. Includes source in assembler. Author: Heiko Rath FF139

WatchMan A little screen hack inspired by 'EyeCon' on Sun systems. Includes source. Author: Jonas Petersson FF283

water drip Sound demonstration icon-driven part of a set on AMICUS 10 AM10

WaveBench This is Bryce Nesbitt's Badge Killer Demo Contest entry. It is a neat screen hack, and runs on 512K machines. For more laughs, try in conjunction with Viacom or Ds (Dropshadow). Includes source. Author: Bryce Nesbitt FF112

Waveform Jim Shields' Waveform Workshop in AmigaBASIC. In C source code and documentation. AM19

WBAssign A small WorkBench program that creates AmigaDOS assignments without having to open a CLI. Assignments may be made by specifying a complete path (as supported by the CLI command), or by specifying a path relative to the current directory. This allows a program and its assigns to be moved easily. In addition, WBAssign can create assigns specified in the icon files of other programs located anywhere in the system. This is version 1.20, binary only. Author: John Gerlach Jr. FF277

WBColors A simple little program to change the Workbench colors to a predetermined color set, for programs that expect to be booted off their distribution disk but instead are run from a hard disk. Includes source. Author: Stefan Lindahl FF121

WBDepth CLI program that allows you to change the number of bitplanes for the WB screen on the fly. Very useful for A500 and A2000 users with kickstart in ROM. Binary only. Author: Andry Rachmat FF175

WBDualPF An example of using a dual-playfield screen, using a method contrary to documentation in the Intuition Manual. Fixed version of copy released on FF41. Includes source. Author: Jim Mackraz FF87

WBdump JX-80 optimized workbench printer that does not use DumpRPort. Much more efficient than the Amiga JX-80 driver for fullscreen dumps Includes source. Author: John Hodgson FF58

WBLander This entry from the Badge Killer Demo Contest is a special version of the WBLander program from FF 100. The ending is unique. Also uses sound effectively. Includes source. Authors: Peter da Silva and Karl Lehenbauer FF114, FF100

WBPic Replaces Workbench's color 0 with an IFF hires non-interlaced picture, in 2 or 4 colors. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

WBRes A program that allows WorkBench users to have resident programs, as in the resident capability of WShell, the ARP shell, and the WB1.3 Shell. Version 1.2b, shareware, binary only. Author: John Bickers FF277

WBrun A program designed to allow any program to be invoked from CLI yet behave as if it were invoked from Workbench. Workbench need not be loaded, thus saving the memory that Workbench would normally use. Author: JohnToebes FF43

WBShadow A small program that creates a shadow for everything that's displayed on your WorkBench (Windows, Icons, Gadgets, Menus, Texts, etc). V 1.0, Source in Modula-II. Author: Fridtjof Siebert FF253

Wc A 'word count' program, ala UNIX's wc, that is faster because it doesn't count what you don't ask for, plus some other improvements. Includes source. Author: Steve Summit FF69

Webster The dictionary page in an IFF picture. AM7

weird A program written in AmigaBASIC that makes strange sounds. AM11

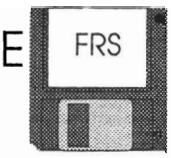
WFrags Another version of Frags, but this one pops up a nice little window that updates occasionally. Necessary for developers who wonder what their program is doing to memory, or wonder why they can't load that program. Includes source. Author: Tomas Rokicki FF131

Wharves HiRES BW tall ships in port FF72

Wheel Nice little 'Wheel of Fortune' type game, written in AmigaBASIC Author: Hari Wiguna FF67

WheelChairSim A wheelchair simulator developed as a project for the Technical Resource Centre and the Albert Children's Hospital, to allow the matching of a wheelchair joystick to a child's handicap and allow the child to practice using the chair in a safe (simulated) environment. Binary only. Author: Unknown, submitted by Dr. Mike Smith FF139

FREELY REDISTRIBUTABLE SOFTWARE



wheels One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

WhereIs Program which searches a disk for the first or multiple occurances of a file with a given name. Author: Steve Poling FF45

whereis.c Find a file searching all subdirectories. C program. AM5

WhichFont.c Loads and displays all available system fonts process.i and prtbase.i assembler include files. C program. AM4, AM1

whistle. Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Who A rewrite of 'who', from FF79, which gives substantially more elaborate information about the tasks currently running (or waiting) on your Amiga. Includes source. Author: George Musser, rewrite by Paul Kienitz FF224, FF79

Why replace your AmigaDOS CLI Why AM24

Wicon A 'Window Iconifier'. Allows you to turn your windows into small icons which can be later recalled. Currently installed with MacWin to give your windows a 'rubber-banding' effect. Version 1.14, Includes source. Author: Steven Sweeting Introducing the Amiga FF154

Wild Two versions of UNIX shell style wildcard matching routines. Author: Rich Salzand Fred Fish FF43

Window Sample program which shows how to create a DOS window in a custom screen Author: Andy Finkel FF38

WinSize CLI window utility resizes current window. In C source code, executable program, and documentation. AM19

WireDemo Matt's entry for the Badge Killer Demo Contest. Demonstrates the Amiga's line drawing speed. Runs on a 512K Amiga. Includes source. Author: Matt Dillon FF118

WitchingHour A game. AmigaBASIC Program. AM3

With CLI command that allows you to start any other CLI command several times and give it all the files that match a file pattern as an argument, one at a time. V 1.0, Modula-II Source. By: Fridtjof Siebert FF253

wKeys A 'hot-keys' program that binds keyboard function keys to window manipulation functions (window activation, front to back, moving screens, etc). Includes source. Author: Davide Cervone FF128

Woman&Pencil Famous IFF image of a woman holding a pencil (seen in early Digi-View™ advertisements). AM7

Wombat Yet another terminal emulation program. Version 3.01.Has user set table cursor, programmable function keys,vt-102 emulation, auto-dialing, loadable settings files, and more Author: Dave Warker FF50

World A text adventure game similar to the Infocom adventures of Planetfall and Starcross. Quite large with a tremendous variety of responses. V1.02, includes source. By Doug Mcdonald, Amiga port by Eric Kennedy FF184

WorldDataBank A project using geographical data, declassified and made available by the CIA under the Freedom of Information Act, to draw a Mercator projection of any area of the Earth that you would like to inspect, in various degrees of magnification. Also includes a program that displays a 'satellite view' of any region. Version 2.0, includes source. Author: The CIA, Mike Groshart, Bob Dufford FF262

WorldMap A world map in an IFF picture. AM6

WorldMap An AmigaBASIC program which draws a map of the world. AM9

Worm An Amiga implementation of the classic 'worms' program, based on an article in the Dec 1987 issue of Scientific American. You can specify the size and length of the worms, and the number of worms. Includes source. Author: Brad Taylor, Amiga port by Chuck McManis FF218

WriteIcon Sample code that creates an icon using a compiled-in image, the source of which can be created with Icon2C on FF56. Version 1.0, includes source in C. Author: Dan Burris FF297

X-Spell A spelling checker to proofread text files and then allow you to move through the document, deciding what to do with the misspelled words. Suggested $15 donation. Author: Hayes Haugen FF40

XBoot A very simple utility to convert a boot block into an executable file so you can use your favorite debugger (Wack, Dis, etc.) to study it. Includes source. Author: Francois Rouaix FF161

XColor A program designed to change the colors of any screen. You can also add and subtract bitplanes in the screen, or convert the screen to black and white (grayscale). Handles HAM and EHB screens. Version 1.2, includes source in assembly code. Author: Roger Fischlin FF244

XCopy A replacement for the AmigaDOS copy command. Preserves the file date, provides an 'update only' option, and uses UNIX type wildcards. Binary only. Author: Lee Robertson FF74

Xebec A couple of hacks to make life easier for those who have Xebec hard disks. One makes it more possible to Mount a Xebec hard disk with the Fast File System, the other is a compact head parking program. Includes source. Author: Paul Kienitz FF224

xenos One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. The program on AMICUS 1 is in ABasiC FF13, AM1

XenoZap A program that recursively descends into directories, disabling the Xeno virus in all executable files that it finds. Version 1.0, includes source in Modula-2. Author: Kevin Kelm FF300

XfrmrReview Text list of Transformer programs that work. AM9

XHair Replaces the mouse pointer with a screen wide crosshair, which is useful for positioning things vertically or horizontally. V1.0, includes source in Modula-II. By Fridtjof Siebert FF234

Xicon Xicon lets you use icons to call up scripts containing CLI commands. V2.5, an update to FF157. New features include automatic selection of the correct execution directory, the option to have keyboard interaction, and the use of IF, ELSE, etc DOS commands. Binary only. Author: Pete Goodeve FF290, FF157, FF102, FF31

Xlisp Small lisp type interpreter, binary only (source to older version was on disk #18). Version 1.7. Author: Dave Betz FF39, FF18, FF3

xmodem One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Xoper Very comprehensive program to monitor and control system activity. Monitor cpu, memory usage, ports, interrupts, devices. Close windows, screens, show loaded fonts or last Guru code number. Clean up memory, flush unused libraries, devices, fonts. etc. and a whole bunch more! Spawns its own process. A very handy background task to have loaded. This is version 2.0, an update to FF228, and has a completely rewritten interface and an iconify feature. Assembly source included. By Werner Gunther FF274, FF228, FF171

Xplor A program that scans all the system lists that start in ExecBase and prints out their names and addresses at which they start. Includes assembly source. Author: Larry Phillips FF73

XprLib External file transfer protocol library. Document and code example for implementing external file transfer protocols using Amiga shared libraries. This is version 2.0 with many extensions and enhancements. Includes sample XPR library and source. Author: Willy Langeveld FF247, FF240

XprZmodem An Amiga shared library which provides ZModem file transfer capability to any XPR-compatible communications program. V2.0. It adds support for XPR spec V2.0 capabilities, including automatic download activation, better user interface for setting options, improved transmission speed, and other minor enhancements. Includes source. By Rick Huebner FF261, FF236

Xref A C cross-reference gen., C program in C source code and executable. AM3

xrf C cross reference utility. Originally from Decus C distribution. Author: Bob Denny FF2

YaBoingII A game program demonstrating hardware sprite usage, including collision detection. + Includes source. Author: Ali Ozer, based on original by Leo Schwab FF136, FF36

Yacc This is a port of Berkeley Yacc for the Amiga. This Yacc has been made as compatible as possible with the AT&T Yacc, and is completely public domain. Note that it is NOT the so-called Decus Yacc, which is/was simply a repackaging of the proprietary AT&T Yacc. Amiga version 1.0a, includes source. Author: Bob Corbett, Amiga port by Eric Green FF299

YachtC3 Update to the Yachtc program on disk #10, contains some fixes and incorporates a simple sound process. Version 3, includes source. Author: Sheldon Leemon, with enhancements by Mark Schretlen FF158, FF10, AM2

Yaiffr Yet Another IFF Reader. Handles HAM, HIRES, and overscan, includes source. Author: Leo Schwab FF87

YoYo weird zero-gravity yo-yo demo, tracks yo-yo to the mouse, in AmigaBASIC. AM8

Zc This is a modified version of the Sozobon C compiler fromFF171. It has been modified to generate code compatible with the A68k assembler from FF186 and a new frontend control program makes it easy to use like the UNIX 'cc' frontend. V1.01, includes source. by: Johann Ruegg; Amiga work by Joe Montgomery FF193

Zerg An Ultima clone that takes your character through a simple but deadly fantasy world where you get to slaughter monsters, talk with the inhabitants of fully populated towns, embark on royal quests, purchase a plethora of weapons, cast spells, and otherwise occupy yourself while your computer is engaged in more important business. Version 1.0, binary only. Author: Mike Shapiro FF252

ZeroVirus A fully integrated virus checker and killer, with bootblock save and restore features. Finds both bootblock and file based viruses. Uses Brainfiles to recognise viruses, and has 'on-line' Brainfile editing facilities. Can be iconified to Workbench screen. This is version 2.01, an update to FF242. Binary only. Author: Jonathan Potter FF287, FF242

Zippy A 'Graphical Shell'. Opens a medium-size window and attaches a menu-strip for performing all sort of disk/data manipulations. Features script files allowing you to attach custom menu selections as you move between directories. Also included is an intuition based utility for altering FileInfo data. (filename, filenote, RWED attributes, etc.) Version 2.5, binary only. Author: Michael Weiblen FF175

Zoo A file archiver, much like 'arc' in concept, but different in implementation and user interface details. Includes some nice features that 'arc' lacks (such as file/path names up to 255 characters in length). This is version 2.00, an update to the version released on FF 136. Binary only. Author: Rahul Dhesi, Amiga port by Brian Waters FF164, FF136, FF108, FF87

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Amazing COMPUTING / AMIGA

There is only one Amiga publication which covers the entire Amiga—***Amazing Computing For The Commodore Amiga***. From its indepth coverage of the latest in Amiga technology, Amiga hardware, or Amiga news to its thorough review of both commercial and public domain software, AC keeps its readers in the know.

The Fred Fish Collection

The following is a list of the current Fred Fish Disks and their contents. For a description of these programs, please refer to the Freely Redistributable Software List starting on page 201.

To remain up to date on what is new in the Fred Fish Collection, please refer to the current issue of *Amazing Computing For The Commodore Amiga.*

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- dotty
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- halfbrite
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- speechtoy

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Fred Fish 17
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- PigLatin
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- Xlisp1.6

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AC Disks

Source code and executable programs included for all articles printed in *Amazing Computing*.

This disk contains the source and executable code relating to articles in AC V3.8 and AC V3.9.

Gels In MultiForth Parts I & II: Learn how to use Gels in MultiForth. Author: John Bushakra

FFP & IEEE: An Example of using FFP & IEEE math routines in Modula-2. Author: Steve Faiwiszewski

CAI: A complete Computer Aided Instruction program with editor written in AmigaBASIC. Author: Paul Castonguay

Tumblin' Tots: A complete game written in Assembly language. Save the falling babies in this game. Author: Davd Ashley

VGad: A gadget editor that allows you to easily create gadgets. The program then generates C code that you can use in your own programs. Author: Stephen Vermeulen

MenuEd: A menu editor that allows you to easily create menus. The program then generates C code that you can use in your own programs. Author David Pehrson

Bspread: A powerful spread sheet program written in AmigaBASIC. Author Brian Cately

This disk contains the source and executable code relating to articles in AC V4.3 and AC V4.4.

Fractals Part I: An introduction to the basics of fractals with examples in AmigaBASIC, True BASIC, and C. Author: Paul Castonguay

Shared Libraries: C source and executable code that shows the use of shared libraries. Author: John Baez

MultiSort: Sorting and intertask communication in Modula-2. Author: Steve Faiwiszewski

Double Playfield: Shows how to use dual playfields in AmigaBASIC. Author: Robert D'Asto

'881 Math Part I: Programming the 68881 math coprocessor chip in C Author: Read Predmore

Args: Passing arguments to an AmigaBASIC program from the CLI. Author: Brian Zupke

This disk contains the source and executable code relating to articles in AC V4.5 and AC V4.6.

Digitized Sound: Using the Audio.device to play digitized sounds in Modula-2. Author: Len A. White

'881 Math Part II: Part II of programming the 68881 math coprocessor chip using a fractal sample. Author: Read Predmore

At Your Request: Using the system-supplied requestors from AmigaBASIC. Author: John F. Weiderhirn

Insta Sound: Tapping the Amiga's sound from AmigaBASIC using the Wave command. Author: Greg Stringfellow

MIDI Out: A MIDI program that you can expand upon. Written in C. Author: Br. Seraphim Winslow

Diskless Compiler: Setting up a compiler environment that doesn't need floppies. Author: Chuck Raudonis

This disk contains the source and executable code relating to articles in AC V4.7 and AC V4.8.

Fractals Part II: Part II on fractals and graphics on the Amiga in AmigaBASIC and True BASIC. Author: Paul Castonguay

Analog Joysticks: The code for using analog joysticks on the Amiga. Written in C. Author: David Kinzer

C Notes: A small program to search a file for a specific string in C. Author: Steven Kemp

Better String Gadgets: How to tap the power of string gadgets in C. Author: John Bushakra

On Your Alert: Using the system's alerts from AmigaBASIC. Author: John F. Wiederhirn

Batch Files: Executing batch files from AmigaBASIC. Author: Mark Aydellotte

C Notes: The beginning of a utility program in C. Author: Steven Kemp

This disk contains the source and executable code relating to articles in AC V4.9.

Memory Squares: Test your memory with this AmigaBASIC game. Author: Mike Morrison

High Octane Colors: Use dithering in AmigaBASIC to get the appearance of many more colors. Author: Robert D'Asto

Cell Animation: Using cell animation in Modula-2. Author: Nicholas Cirasella

Improving Graphics: Improve the way your program looks no matter what screen it opens on. In C. Authro: Richard Martin

Gels in Multi-Forth-Part 3: The third and final part on using Gels in Forth. Author: John Bushakra

C Notes V4.9: Look at a simple utility program in C. Author: Steven Kemp

1D_Cells: A program that simulates a one-dimensional cellular automata. Author:Russell Wallace

Colourscope: A shareware program that shows different graphic designs. Author: Russell Wallace

ShowILBM: A program that displays lo-res, hi-res, interlace and HAM IFF pictures. Author: Russell Wallace

Labyrinth_II: Roll playing text adventure game. Author: Russell Wallace

Most: Text file reader that will display one or more files. The program will automatically format the text for you. Author: Russell Wallace

Terminator: A virus protection program. Author: Russell Wallace

This disk contains the source and executable code relating to articles in AC V4.10 & AC V4.11.

Typing Tutor: A program written in AmigaBASIC that will help you improve your typing. Author: Mike Morrison

Glat's Gadgets: Using gadgets in Assembly language. Author: Geff Glatt

Function Evaluator: A program that accepts mathamatical functions and evaluates them. Written in C. Author: Randy Finch

Fractals: Part III: AmigaBASIC code that shows you how to save/load pictures to disk. Author: Paul Castonguay

More Requestors: Using system calls in AmigaBASIC to build requestors. Author: John Wiederhirn

Multi-Forth: Implementing the ARP library from Forth. Author: Lonnie A. Watson

Search Utility: A file search utility written in C. Author: Steven Kemp

Fast Pics: Re-writing the pixel drawing routine in Assembly language for speed. Author: Scott Steinman

64 Colors: Using extra-half-brite mode in AmigaBASIC. Author: Bryan Catley

Fast Fractals: A fast fractal program written in C with Assembly language subroutines. Author: Hugo M. H. Lyppens

Multitasking in Fortran: All the hard work is done here so you can multitask in Fortran. Author: Jim Locker

This disk contains the source and executable code relating to articles in AC V4.12 & AC V5.1.

Arexx Part II: Information on how to set up your own ARexx programs with examples. Author: Steve Gilmor

Leggo My LOGO: A Logo program that generates a Christmas tree with decorations. Author: Mike Morrison.

Trees and Recursion: An introduction to binary trees and how to use recursion. Written in C. Author: Forest Arnold.

C Notes: A look at two data compressing techniques in C. Author: Stephen Kemp.

Animation? BASICally: Using cell animation with AmigaBASIC. Author: Mike Morrison

Menu Builder: A utility to help build menus in your own programs. Written in C. Author: Tony Preston.

Dual Demo: How to use dual playfields to make your own arcade games. Written in C. Author: Thomas Eshelman.

Scanning the Screen: Part four in the fractals series. This article covers drawing to the screen. In AmigaBASIC and TrueBasic. Author: Paul Castonguay.

C Notes: Recursive functions in C. Author: Stephen Kemp.

This disk contains the source and executable code relating to articles in AC V5.2.

Dynamic Memory!: Flexible string gadget requester using dynamic memory allocation. Author: Randy Finch.

Call Assembly language from BASIC: Add speed to your programs with Assembly. Author: Martin F. Combs.

Conundrum: An AmigaBASIC program that is a puzzle-like game, similar to the game Simon. Author: Dave Senger.

The AMICUS Collection

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- Blocks
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- qsort.asm
- setjmp.asm
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- creaport.c
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- diskfont.txt
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- inputdev.txt
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- v28v1.diff

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- bobtest.c
- sweep.c
- mydev.asm
- mylib.asm
- mylib.i
- mydev.i
- asmsupp.i
- macros.i
- amigatricks
- extdisk
- gameport
- parallel
- serial
- v1.1update
- v1.1h.txt
- dospecial.c
- epsondata.c
- init.asm
- printer.c
- printer.link
- printertag.asm
- render.c
- wait.asm.

AMICUS Disk 6
IFF Pictures
- showpic
- ArticFox
- Degas dancer
- the guys at Electronic Arts
- gorilla
- horses
- King Tut
- lighthouse
- Marble Madness
- Bugs Bunny Martian
- still from an old movie
- Dire Straits moving company
- Pinball Contruction Set
- TV newcaster
- the PaintCan
- world map
- Porsche
- shuttle mission patch
- tyrannosaurus rex
- planet view
- VISA card
- ten-speed

AMICUS Disk 7
DigiView HAM demo picture disk
- lady with pencils
- lady with lollypops
- young girl
- bulldozer
- horse and buggy
- Byte cover
- dictionary page
- robot and Robert.
- seeilbm

AMICUS Disk 8
- Browse
- Crunch
- IconExec
- PDScreen Dump
- SetAlternate
- SetWindow
- SmallClock
- Scrimper
- AddressBook
- Ball
- Cload
- Clue
- ColorArt
- DeluxeDraw
- Eliza
- Othello
- RatMaze
- ROR
- Shuttle
- Spelling
- YoYo
- 3Dcube
- AltIcon
- AmigaSpell
- arc
- Bertrand
- disksalvage
- KwikCopy
- LibDir
- SaveILBM
- StarTerm
- Texts:
- LatticeMain
- GDiskDrive
- GuruMed
- Lat3.03bugs
- MForgeRev
- PrintSpooler
- clist.bmap
- console.bmap
- diskfont.bmap
- exec.bmap
- icon.bmap
- intuition.bmap
- layers.bmap
- math.bmap

AMICUS Disk 9
- FlightSim
- HuePalette
- Requester
- ScrollDemo
- Synthesizer
- WorldMap
- Boing!
- Brush2C
- Brush2Icon
- Dazzle
- DeciGEL
- Klock
- life
- TimeSet
- EMEmacs
- MyCLI
- FnctnKeys
- HackerSln
- Ist68010
- Boing!
- Brush2C
- Brush2Icon
- Dazzle
- DeciGEL
- Klock
- life
- TimeSet
- EMEmacs
- MyCLI
- FnctnKeys
- HackerSln
- Ist68010
- PrinterTip
- StartupTip
- XfrmrReview
- Canon PJ-1080A
- C Itoh Prowriter
- Epson
- Epson LQ-800
- Gemini Star-10
- NEC 8025A
- Okidata ML-92
- Panasonic KX-P10xx
- Smith-Corona D300

AMICUS Disk 10
Instrument sound demos
- acoustic guitar
- alarm
- banjo
- bass guitar
- boink
- calliope
- car horn
- claves
- water drip
- electric guitar
- flute
- arp arpegio
- kickdrum
- marimba

AMICUS Disk 11
- dirutil
- cpri
- ps
- vidtex
- pointered
- optimize
- calendar
- amortize
- brushtoBOB
- grids
- hilbert
- madlib
- mailtalk
- meadows3D
- mousetrack
- slot
- tictactoe
- switch
- weird
- cp
- cls
- diff
- pm
- cls
- Modula-2
- trails
- caseconvert
- Forth
- Analyze

AMICUS Disk 12
- blink
- clean
- epsonset
- showbig
- speaktime
- undelete
- cnvapldhm
- menued
- quick
- quickEA
- txed 1.3
- spin3
- popcli
- vsprite
- AmigaBBS
- star10
- Pictures
- Mount Mandelbrot
- Star Destroyer
- Robot
- Texts
- vendors
- cardco
- cinclude
- mindwalker
- slideshow

AMICUS Disk 13
- ConvertFD
- FutureSound librarires
- gravity
- MIDI
- .bmap files

AMICUS Disk 14
- Tools
- BMAP Reader
- IFFBrush2BOB
- AutoRequester
- DOSHelper
- PETrans
- C Squared
- crlf
- dpdecode
- vés copy
- queryWB
- vc
- view
- slider
- Oing
- Sproing
- yaBoing
- Zoing
- CLIClock
- sClock
- wClock

AMICUS Disk 15
- pr
- fm
- Ask
- Stat
- Dissolve
- PopCLI2
- Form
- DiskCat
- PSound
- Iconmaker
- Fractals
- 3D Breakout
- AmigaMonit
- Cosmoroids
- Sizzlers
- ansi.txt
- FKey
- Spawn
- Grids
- Light
- MigaSol
- Stats
- Money
- FixHunk
- FixObj
- Txt
- addmem
- arc
- arcre

AMICUS Disk 18
- Logo
- TvText
- PageSetter
- FullWindow
- Life3d
- Defdisk
- Calendar.WKS
- SetKey
- VPG
- HP-10C
- SetPrefs
- StarProbe
- ROT
- Scat
- DK
- DropShadow2

AMICUS Disk 19
- IFF pictures
- Solve
- Gadgets
- Household
- Waveform
- DiskLib
- Subscripts
- String
- Boolean
- Skinny C
- COMAL.h
- EmacsKey
- AMon 1.1
- BTE
- Size
- WinSize

AMICUS Disk 20
- Compactor
- Decoder
- BobEd
- SpriteMasterII
- BlitLab
- FPic
- Bankn

AMICUS Disk 21
- Target
- Sand
- PropGadget
- EHB
- Piano
- CelScripts

AMICUS Disk 22
- Cycles
- Show_PrintII
- PrtDrvGen2.3
- Animations
- Garden
- BasicSorts

AMICUS Disk 23
- Instruments
- List INSTR
- Music
- 1812Overture
- Three Amiga

AMICUS Disk 24
- Sectorama
- Iconize
- CodeDemo
- AmiBug
- BNTools
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- BoingMachine
- Daisy
- QuickFlix
- BMon
- Moose
- DGCS

AMICUS Disk 25
- Nemesis
- KickPlay
- KeyBird
- 8ColorWB
- BrushIcon
- Egraph
- Keep 1.1
- Kill.fastdir
- LaceWB
- PW_Utility
- Guru
- DiskWipe
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- Dodge

AMICUS Disk 26
- Echo
- Chord
- TX
- VU
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InNOCKulation Disk: IN#1...Virus protection

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Fred Fish Disks

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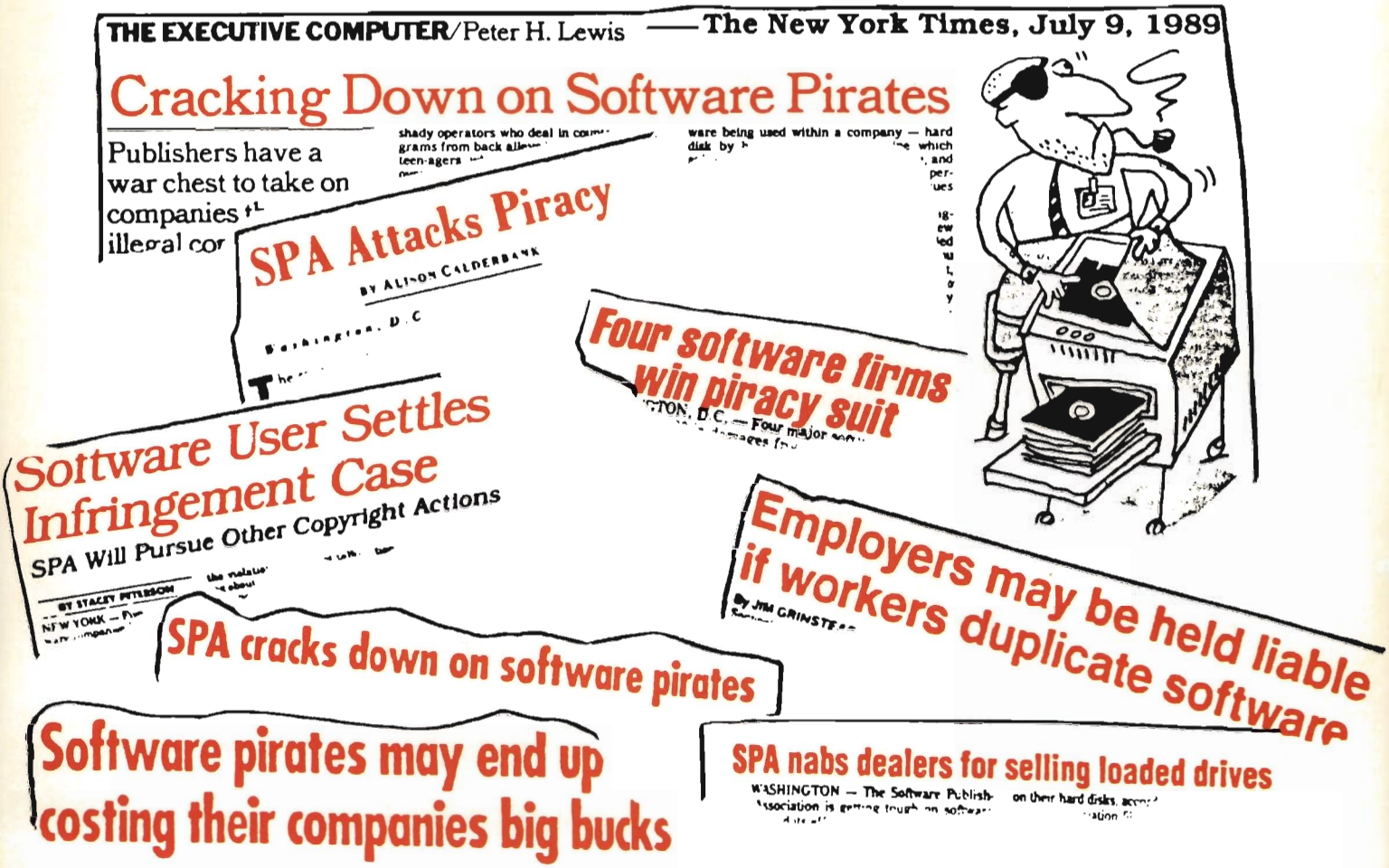
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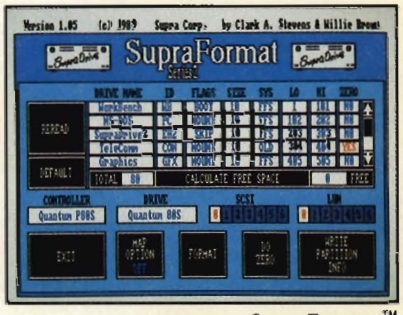

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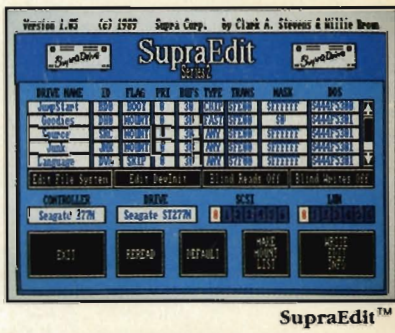

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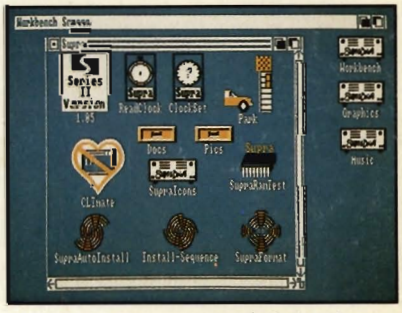

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